

The



# THE CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

Founded 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

26  
XL

NOVEMBER 6, 1943

Annual Subscription (with  
Diary) 25/- Single Copies 9d.



AIM FOR THE BULL

## EARL HAIG'S BRITISH LEGION APPEAL

Although this may be the last Poppy Day under war conditions the need is greater than ever. A million pounds is a small sum in relation to the services that our men—and women—are giving to the cause of humanity.

... therefore give generously

an appeal is made by Burgoyne Burbidges & Co., Ltd., London, E.6

# *Parke, Davis & Co.*

ask for the indulgence  
of pharmacists towards  
the firm's endeavours  
to secure, on the . . .  
basis of their customers'  
1939 orders, a fair . . .  
distribution of . . .  
their own officially  
restricted stocks . . .



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# How 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

# Elasto

REGISTERED

## The Wonder Tablet

## Read What Users of 'Elasto' Say:—

(Original letters have been seen by a representative of "The Chemist and Druggist")

### Varicose Veins

As a sufferer of varicose veins, I must state that before using 'Elasto' I was tortured with red and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the feeling of tiredness and aching has vanished. To all sufferers of varicose veins I certainly commend 'Elasto'—they are a boon.

P 1180. — R. P.

mediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since.

AT 1108.

— F. T.

### Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263.

— E. H.

### Rheumatism

I may say that I have found 'Elasto' a wonderful help. For years I suffered with rheumatism of feet and legs, and at times found it difficult to get about. 'Elasto,' however, afforded me im-

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

**Recommend 'Elasto'—and a satisfied customer will recommend You!**

A SOUND LINE  
A GENEROUS PROFIT

Retail Price 5/- per pkt.  
\* Including purchase tax.

Wholesale 42/- per doz.  
\* Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

**PATA**

**the NEW ERA TREATMENT CO., LTD.**

DEPT. R

ECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1



# Equal to every test-

The achievement of the highest standard of purity, reliability and efficacy is obtained only by the most careful supervision throughout the process of manufacture. To this scientific control the fame of Beecham's Pills and Beecham's Powders may justly be ascribed—thereby setting the seal upon the intrinsic worth of these famous home medicines.



## Beecham's Pills AND Beecham's Powder.

BEECHAM'S PILLS LTD., ST. HELENS, LANCs.





# CROOKES' HALIBUT OIL

**BIG NATIONAL  
ADVERTISING SCHEME  
COMMENCES SHORTLY**

**- ORDER STOCKS NOW!**

## RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

## TERMS OF SUPPLY

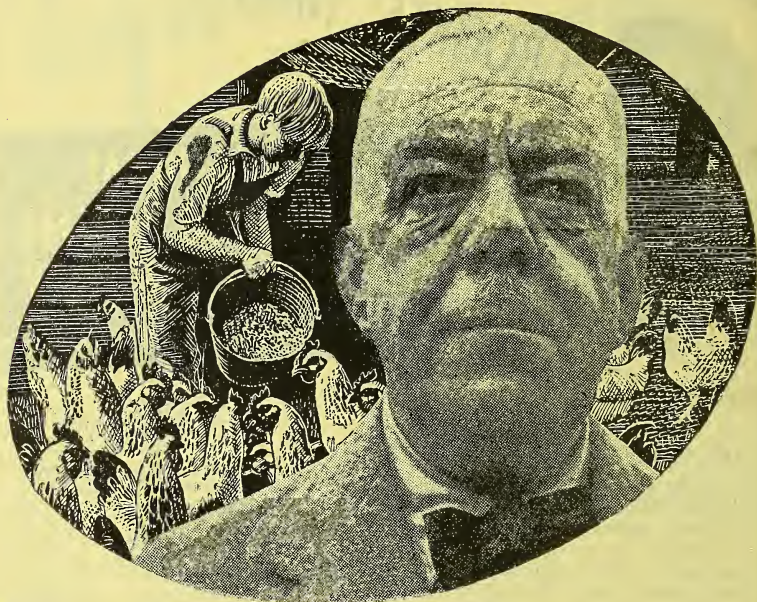
- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.
- 5 We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.



### CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	QTY	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN	12 x 15 c.c. 5/- Drops	1	5/-	3 0 0
	Less 25%			15 0
	.. 10%			2 5 0
*Amount of cash with order				4 6
				<b>*£2 0 6</b>
PARCEL H = 3 DOZEN	36 x 5 c.c. 2/- Drops	3	2/-	3 12 0
	Less 25%			18 0
	.. 10%			2 14 0
*Amount of cash with order				5 5
				<b>*£3 3 7</b>
PARCEL J = 1 DOZEN	12 x 30 c.c. 9/- Drops	1	9/-	5 8 0
	Less 25%			1 7 0
	.. 10%			4 1 0
*Amount of cash with order				8 1
				<b>*£3 12 11</b>
PARCEL K = 6 DOZEN	72 x 5 c.c. 2/- Drops	12	2/-	7 4 0
	Less 25%			1 16 0
	.. 10%			5 8 0
*Amount of cash with order				10 10
				<b>*£4 17 2</b>
PARCEL L = 1 DOZEN	12 x 100 Capsules	1	8/6	5 2 0
	Less 25%			1 5 6
	.. 10%			3 16 6
*Amount of cash with order				7 8
				<b>*£3 8 10</b>
PARCEL M = 3 DOZEN	36 x 100 Capsules	3	8/6	15 6 0
	Less 25%			3 16 6
	.. 10%			11 9 6
*Amount of cash with order				1 3 0
				<b>*£10 6 6</b>

# FAMOUS POULTRY BREEDER TESTS STOCK SENSE . . .



**D**R. S. D. G. McENTIRE, of Great Baddow Court Pedigree Poultry Farm, Chelmsford, has won numerous Laying Test Awards including the "Daily Mail" Gold Cup.

Last autumn Dr. McEntire carried out a seven-weeks' test on birds in moult. Two equal pens of 12 Light Sussex birds were established, one pen receiving Stock Sense Conditioner in addition to the ordinary poultry food. Dr. McEntire reported that the birds on Stock Sense "got new feathers quicker, and handled well, while the egg record was—

**CONTROL PEN**

**61** eggs

**STOCK SENSE PEN**

**132** eggs "

Dr. McEntire added: "One does not as a rule expect many eggs during the

moult period, so I consider the yield of the Stock Sense birds to be satisfactory."

Equally favourable reports have been received from many other leading poultry experts. These independent investigations are being given wide publicity through Stock Sense advertising in the poultry farming press.

Stock Sense prices are as follows: 12 packets 7½d. and 1/6, drums 4s. Obtainable from the manufacturers, Bob MacFarlane Ltd., Southport, Lancashire.

## STOCK SENSE

**CONCENTRATE** **CONDITIONER**

ONE TEASPOONFUL IS ENOUGH FOR SIX BIRDS

**P.A.**



**ESTABLISHED 1878**  
**FOR**  
**LABELS**  
**CARTONS**  
**ENVELOPES**  
**AND EVERY DESCRIPTION**  
**of**  
**MEDICAL PRINTING**

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**THE CHEMISTS' PRINTERS**  
**BURLEY ROAD**  
**LEEDS, 4**

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## The Natural Calcium Compound

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

Widely advertised to  
the medical profession

**CALFOS LTD.**  
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	Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including Pur. Tax
Box of 50 tablets	2/6	20/-	3/4	2/9½
Box of 120 tablets	4/9	38/-	6/4	5/3½

Special terms are available for hospital packs



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to Hospitals, Public Institutions, Local Councils  
REMEMBER that

**BURT, BOULTON & HAYWOOD LTD.** Man  
the **PRINCE REGENT TAR COMPANY,**  
give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

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Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order

Carbolic Disinfecting Fluids, Rideal Co-efficients 2 to 20.

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Formaldehyde (Formalin) 40% Solution

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under the Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

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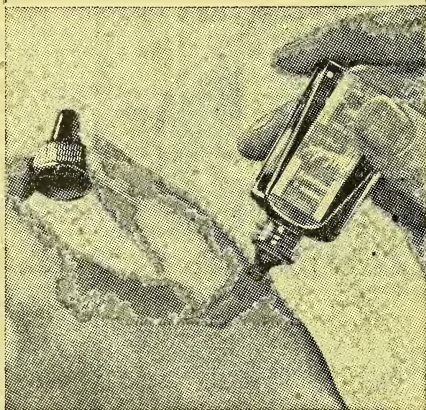


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*Applyiodine*  
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PLEASE NOTE NEW PRICES:

9d. SIZE... 6/- per doz. ... plus 1/- per doz. purchase tax.  
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THE NEW BETTER TYPE FIXATIVE

"Squeezed from a tube"



HOLDS FIRMER AND THREE TIMES LONGER  
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Price 1/3d. per tube

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G.O. Lemon Flavoured Sweetener  
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**LATEST ADVANCE IN THE TREATMENT  
SKIN DISEASES DURING THE LAST  
YEARS! LEADING DERMATOLOGISTS  
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IN-WATER EMULSION AMAZINGLY  
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secret of Valderma efficacy is  
it is an oil-in-water emulsion,  
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Valderma is superior by far to old-  
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(Coli., B. Magatherium, Strep.  
albus, Staph. Albus.).

Valderma is white, almost invisible

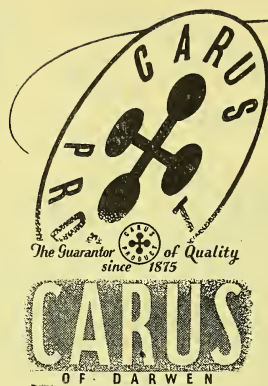


on the skin, and stains neither linen  
nor bedclothes.

Valderma is consistently advertised  
in the National and Provincial Press,  
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**Terms to retailers: 15/- per dozen.**

**Purchase Tax 2/6d. per doz. 5% for cash  
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For three generations the name Carus has been synonymous with Quality. The Carus trade mark is your guarantee of quality.

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GUARANTOR  
OF QUALITY  
SINCE 1875**

A CARUS PRODUCT READY  
FOR IMMEDIATE DELIVERY

*MexSol*  
**SOLUBLE  
SANITARY TOWELS**  
1/4 packet of 12

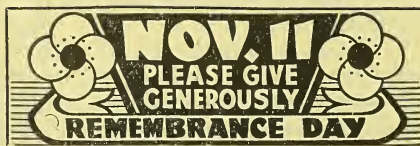
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The Best and Safest Infants' Medicine  
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Does not contain any Scheduled Poisons  
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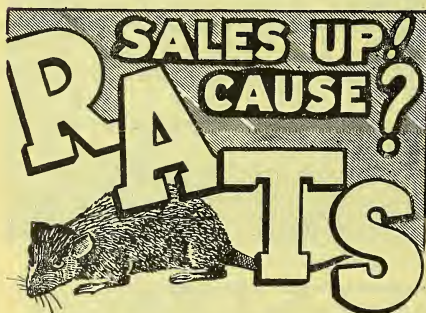
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**P.A.T.A.**



The public are today more alive than ever before to the rat menace and its danger to the country's food supplies. Rodine is a household name for the effective destruction of these pests.

Don't miss any sales of this profitable line—make sure your stocks are ready to meet the increasing demand.

**RODINE**  
**RAT POISON**

**AND BEETLE AND COCKROACH POISON**

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## VITAMIN DEFICIENCY

*An Advanced Formula*

EVERY pharmacist will immediately recognise that this formula represents the latest step forward in vitamin therapy. **VYKMIN** contains the *six* essential vitamins—each in the *right* quantity, a powerful corrective in cases of systematic vitamin deficiency.

The Vykmin formula (2 capsules per day):

Vitamin A	4,500 I. Units
Vitamin B1	300 I. Units
Vitamin B2 (G)	100 Microgrms.
Vitamin C	500 I. Units
Vitamin D	1,000 I. Units
Nicotinic Acid (Niacin)	10 Milligramms.

**Vykmin**

**MULTIPLE-VITAMIN CAPSULES**

Stocks are necessarily limited but inquiries for supplies will be promptly dealt with in strict rotation by the sole distributors, **Wilcox Jozeau & Co., Ltd., 74/77, White Lion St., N.I.**

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THE AYRTON SERVICE has stood even the test of war. Controls? shortages? delays? **OF COURSE!**—but all our customers have been 'kept going' with the essentials of trading pharmacy. Lucky is the chemist who is backed by a good supply house, particularly if it is all-embracing with seventy-five years' experience—like **AYRTONS**

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**AYRTON  
SAUNDERS  
& CO. LTD.**

# ***RATS***

**COMPLETELY ANNIHILATED BY**

# ***Vermex***

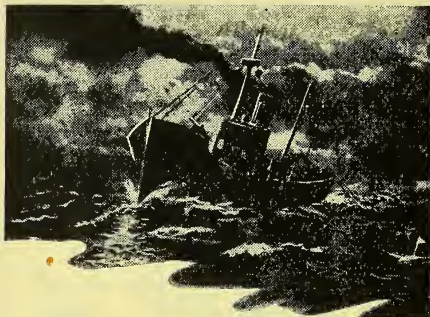
## **PHOSPHOROUS RAT POISON**

also kills MICE, MOLES, BEETLES, COCKROACHES, etc.

2 oz. Jars (Retail 10½d.) - 7/- doz.

**BROOK, PARKER & CO. LTD.** (Manufacturing Chemists) **ASHFIELD, BRADFORD**





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Defence in depth is major strategy in modern defensive warfare. The outposts of defence lie well beyond the shores of this island citadel. Similarly modern medicine's defence against the insidious attacks of pathogenic organisms has many facets. Notable among these is maintenance of the barriers against systemic infiltration of germs through the nasal mucosa.

Decongestion of the turgid nasal mucosa in acute and chronic rhinitis, hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximal shrinkage with corresponding symptomatic relief is obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one cap to remove, the Karsodrine Inhaler is pre-eminently simple to use.

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**FORMULA:** Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 3/24d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

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LIMITED

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A PRODUCT OF EHG LABORATORIES



## A real Analgesic Alkaliser

This is the formula of Neodex Seltzer:—

Lithii Benzoas . . . . .	3
Acidum Acetyl Salicylicum . . . . .	10
Acidum Citricum . . . . .	34
Sodi Bicarbonas . . . . .	to 100

Every pharmacist will appreciate how confident he can recommend it for Headaches, Digestive Troubles and many types of Rheumatic Neuralgic Pains.

There is no product on the market with the same combination of properties. It is not a laxative.

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YOUR STOCKS OF

**NEURO PHOSPHATES**

(ESKAY BRAND)

Owing to various shortages and increased prescribing, the general demand for Neuro Phosphates greatly exceeds the supply, and we have been obliged to ration all customers, both Wholesalers and Retailers.

We express our regret for the unavoidable inconvenience occasioned by short supplies, and would ask Retailers to co-operate with us by reserving their stocks for the purpose of meeting prescriptions.

---

The Retail  
Price is

**4/6**

per 8-ounce  
Bottle

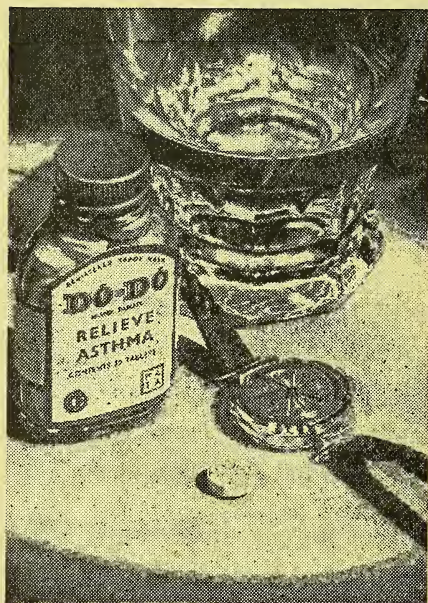
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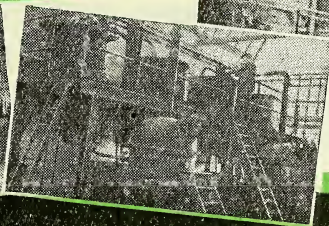


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RETAILS AT  
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BRUSHLESS

# SUPER SHAVE

SOAPLESS

## The 'Clinbritic' Vaccine Bottle

Patent No. 492200

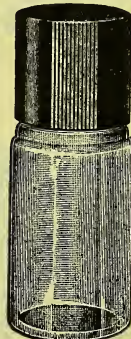
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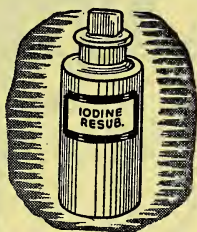


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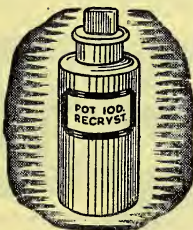
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# The new 'Kepler' advertising as begun

'Kepler' advertisements are now appearing in the most widely read women's papers and are due to appear in the Radio Times, Punch, Picture Post and some of the National Sunday papers.

Display 'Kepler' on your counter to serve as a reminder to customers with interest already stimulated by this publicity.

Make sure that your stock is sufficient to meet the increased demand and remember that conditions make it necessary to order well in advance.



## 'Kepler'

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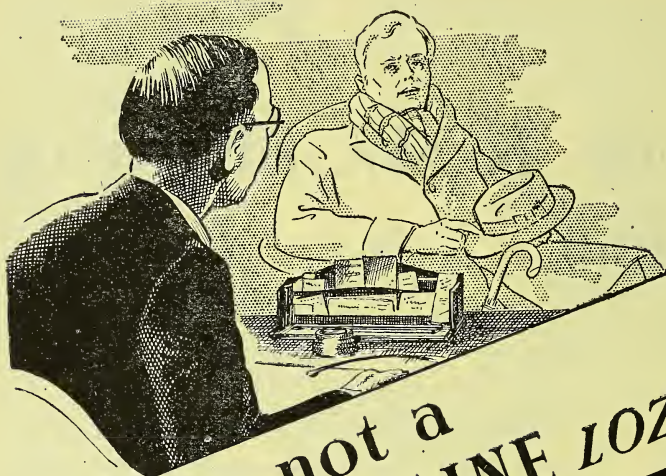
**COD LIVER OIL WITH MALT EXTRACT**

*Bottles of two sizes, medium 3/6, large 6/3  
Retail Prices*



**BURROUGHS WELLCOME & CO.**  
(The Wellcome Foundation Ltd.)

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## Why not a NUPERCAINE LOZENGE?

Introducing a valuable addition to the series of Nupercaine (formerly Percaine) preparations

### NUPERCAINE LOZENGES

Producing a prolonged anæsthesia of the mucous membranes of the mouth and throat, these Throat Lozenges alleviate the discomfort of sore throat and aphthæ and allay post-tonsillectomy distress. They facilitate laryngeal and pharyngeal examination.

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Supplies through the usual channels. Price list on application.



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Telegrams: CIBALABS, HORSHAM.



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## NEWS OF THE WEEK

**Comforts Fund Donation.**—The sum of the proceeds of a dance and raffle organised by the staff of Imperial Chemical Industries, Distribution Centre, Northwich, as well as from subscriptions from persons unable to attend, has been received as a donation by the Merchant Navy Comforts Fund.

**Liability Decisions.**—The following decisions regarding the liability of certain articles for purchase tax is published as supplement to those already given in Notice Number 1458.—Buckles, slides and clasps of a kind used on apparel; slides, grips, combs and clasps designed for regular wear on the hair (per cent.): (a) Under Class 15 (a) if they are made wholly or partly of platinum, (including gold plate) or silver, or are made with precious, imitation, or synthetic materials; (b) under Class 15 (b) if they are made wholly or partly of materials specified in that class, e.g. semi-precious stones or mother of pearl. In other cases these articles will be chargeable at the rate of

33½ per cent. under Class 1 (c). Articles which are not included in the classes mentioned, such as ornaments for wear on the hair, or on dresses, shoes, hats or other apparel, remain chargeable at the rate of 100 per cent. under Classes 15 or 16 as appropriate.

**New Maximum Price for Candles.**—The Board of Trade, in consultation with the Central Price Regulation Committee, has made a new Candles (Maximum Prices) Order. The new Order (S. R. & O., 1943, No. 1458) provides that from October 29 the manufacturer's and wholesaler's maximum price on sale to a retailer is reduced from 51s. to 45s. per case of 72 lb. of candles, and from November 26 the retailer's maximum selling price will be 9d. instead of 10d. per lb. The Order, like the one it replaces, relates to "common paraffin wax candles," and contains the same provisions for bringing to the notice of the retailer and the public the maximum prices fixed by the Order.

**Plymouth Closing Hours.**—Representatives of businesses in the city have agreed with the Special Purposes Committee of the Council that the winter closing-hour for shops at Plymouth, between November 7 and March 4, shall be 6 p.m. (6.30 p.m. on the late night).

**Capsules Lost in Dublin.**—The Civic Guard authorities in Dublin issued a warning on October 20 that on the previous day a small box containing six capsules of pituitary extract had been found at East Road, and that it was possible that a greater quantity might have been lost than that found.

**Eire Examination Results.**—In the October Licence examination held by the Pharmaceutical Society of Ireland, Edward Patrick Kenny passed with Honours, and the following passed: Thomas Clumba Cassidy, John Dunphy, Anthony Philip Fitzgerald, John James Forristal, Timothy John Hackett, Daniel Harrington, Rose Lacy, Johanna Mary O'Connell, Alfred Christopher Rush, and Denis Kevin Walsh.

**Peterborough Annual Meetings.**—The annual meetings of the Peterborough Chemists' Association and Branch of the Pharmaceutical Society were held on October 27, when the following officers were elected: *Chairman*, Mr. A. C. Fowler; *Vice-chairman*, Mr. F. D. Middleton; *Secretary*, Mr. B. Wright, Ganton, 26 Queens Gardens, Peterborough; *Treasurer*, Mr. C. W. Lenton; *Council*, Messrs. A. Duffield, H. E. Whitwell, G. W. Dring, and H. Stanyon, with Mr. A. R. L. Evans *ex-officio*.

**Trading Company Appoints Political Adviser.**—The board of directors of Lever Bros. & Unilever, Ltd., has appointed Professor David Mitrany to be the company's adviser on social and political questions, both national and international. An announcement by the board states that the company has always been of opinion that the most desirable policy for a business organisation is one which helps to improve local conditions in the community in which it operates.

**In the Courts.**—At Nelson, Lancs, recently, four boys were bound over on charges of having thrown stolen drugs and surgical instruments into a dustbin after forcing open a bag taken from a doctor's car. The chairman urged doctors to keep their cars locked.—At Trowbridge County Court, on October 22, John Henry Aplin, M.P.S., Silver Street, Trowbridge, Wilts, was awarded £21 rent and £10 10s. damages,

with costs, in an action brought against a dentist tenant of his premises in respect of rent and dilapidations.

**Newcastle Employees.**—A meeting held at Newcastle-on-Tyne on October 5 with the object of forming a branch of National Pharmaceutical Employees' Union. It was decided that the branch should be formed and the following officers were elected: *Chairman*, Mr. H. Whewell; *Secretary*, Mr. I. Duncan; *Treasurer*, Miss Bell; *Committee*, Miss K. M. Atkins, Messrs. T. H. Booth, C. Lonsdale, and T. Tait. All are members of the Pharmaceutical Society. It was decided that the appointments should be only provisional.

**Research Farm in Scotland.**—Lord Tait (chairman of Boots, Ltd.) has leased a farm at Ardsignach, nr. Aronamur, Argyllshire, to the company as a research centre. Experiments will be conducted mainly to discover how far nutrition can protect sheep from disease and to find means for the control and prevention of sheep disease. Research will be done on the fertility of the soil, and to determine the stock-carrying capacity of sheep-land. The research station will be under the supervision of Stephen Williams, M.Sc., N.D.A., formerly on the staff of the Midlands Agricultural College.

**Chemists' Hours in Londonderry.**—When the Londonderry Corporation discussed recently a closing order for chemists and druggists under the Shops Act, 1911, it was stated that the hours would be 7 a.m. to 7 p.m. daily except Thursday (1 p.m.) and Saturday (9 p.m.). The Trades Council had suggested that three shops—one in St. George's Road, one in Ferryquay Street, and one in the Waterside—should be kept open until 10 p.m. daily. The chemists replied that patients with prescriptions marked "urgent" could get a chemist at his private house after closing hours and he would dispense the prescription. The Corporation approved the Order.

**Eire Benevolent Fund Dance.**—The annual dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland will be held this year at the Gresham Hotel, Dublin, on December 7. At the first meeting of the committee, held on October 13, Mr. Con Collis was again elected chairman, Mr. David Murphy and Miss K. O'Shea as secretaries and Miss C. O'Reilly as treasurer. Dancing will be from 10 p.m. to 3 a.m. Tickets, price 10s. 6d., are limited to 500 and early booking is thus advisable. Mr. Cremen (president, Pharmaceutical Soc-



ended the first meeting of the Committee wish them success, and the work is now in hand to make the function again the brilliant and successful pharmaceutical event of the season.

**Chemists' Friends Association.**—A meeting of the council of the C.F. Association held in London on October 19, the ident (Mr. J. D. Bohn) in the chair. THE ASURER submitted his monthly financial report, together with draft annual accounts balance sheet for the financial year ended September 30; these were approved. The secretary was instructed to incorporate annual accounts and balance sheet in report to be submitted to the annual meeting of Chemists' Friends manufacturers on November 24. On instructions given at the previous meeting, the secretary submitted Counsel's opinion on advantages to be gained by registering the Association as a trade union—an opinion based on questions put by Mr. Mallinson. It was

resolved to appoint a special subcommittee to consider the opinion and report on any necessary changes in the rules.

**Diet and Weight.**—Under a Ministry of Food experiment to find out whether civilians are losing weight under a war-time diet, more than 9,000 people, including factory workers, coal miners and boys and girls of sixteen years of age, have been twice weighed. 3,416 men from large factories and mines had an average weight of 10 st. 8 lb. in April and 10 st. 7½ lb. in July. The average weight of 3,214 factory women was 9 st. 1½ lb. in April and 9 st. 1 lb. in July. In the same period, boys of sixteen increased their average weight by ½ lb., and 1,737 girls had a weight decrease of an equal amount. The weight experiments of the Ministry are to continue for the duration of the war, and housewives are being asked to co-operate by getting themselves weighed by local chemists at regular intervals.

## PARLIAMENTARY NEWS

**Synthetic Rubber Supplies.**—In a written reply to a question recently on synthetic rubber from the United States, Mr. Garroves stated that the supply had begun, and he was confident that, apart from possible transport delays, it would be maintained and increased to meet our needs.

**Workmen's Compensation.**—A workmen's Compensation (Temporary Increases) Bill, which received a second reading in the House of Commons on October 22, provides for an increase in the rates of benefit under the Act passed in February. The proposed rates are intended to operate until a new more comprehensive scheme is introduced.

**Vinegar Shortage.**—Replying to a question by Mr. E. P. Smith, on October 27, Mr. Mabane said the shortage of vinegar was not confined to the southern counties, but was general. At this period of the year there was a seasonal increase in demand. Increased allocations were made, but in wartime the increase was limited by a shortage of containers.

**Interruption of Apprenticeship.**—In reply to a question as to what arrangements are being made for persons whose apprenticeships have been interrupted by service in the Forces, the Joint Parliamentary Secretary to the Ministry of Labour said on October 28 that a scheme similar to that which operated after the last war is in an advanced stage of preparation.

**Medical Attention in the Forces.**—Mr. Hammersley asked the Secretary of State for War recently whether he had considered complaints of inadequate medical attention in the Armed Forces. Sir James Grigg replied that individual complaints about the Army medical services reached the War Office from time to time from various sources. The complaints were in most cases without foundation.

**Pharmacists in Admiralty Service.**—On October 27, Mr. Linstead asked the First Lord of the Admiralty what steps he is taking to prevent a breakdown in the pharmaceutical service of the medical department of the Admiralty which will follow the threatened withdrawal of some sixty pharmacists for military service; and why these men cannot be transferred, as were dentists, from civilian officers to naval officers and so remain in the posts of which they have now specialised experience. The First Lord of the Admiralty replied that the number of pharmacists in the pharmaceutical department of the Admiralty who were under twenty-five at the date of their registration and whose deferment therefore became liable to cancellation following a decision on the call up of civil servants is thirty-seven and not sixty as stated. The question of the retention of these men in the Admiralty service is at present being reconsidered, and it would therefore not be appropriate to say anything further at this juncture.

## LEGAL REPORTS

**Payment for Lipstick Moulds.**—In the King's Bench Division, on October 11, judgment was given for the plaintiff in an action by Theodore Nolf for the recovery from Mr. James Francis Latimer Ivey, Disraeli Gardens, Putney, London, S.W., of £112 10s., the price of nine brass lipstick-moulds manufactured by the plaintiff.

**Illicit Manufacture of Perfume.**—At Clerkenwell Police Court, recently, Szad Mir Kamad Pasha, St. Augustine's Road, London, N.W.1, was fined £10 and £5 5s. costs for supplying perfume without being a registered person and for failing to keep accounts relating to the sales of the perfume. For the Board of Trade it was stated that Pasha, after being discharged from the Merchant Navy, applied for permission to manufacture perfume. The application was refused, but despite this he had been breaking-down perfumes with eau de Cologne and selling them in various markets. His turnover was stated to be about £40 monthly.

**Addiction Charges Against Matron.**—At Bath Police Court, on October 29, Lilian Audrey Johnson, matron of the Stratton House Nursing Home, Park Lane, Bath, appeared on charges of unlawfully procuring from Boots, Ltd., chemists, Milsom Street, Bath, 145 grains of morphine and morphine sulphate between March 15 and August 27, and 160 grains from Boots, Ltd., Union Street, between March 10 and August 29. The case was adjourned for two weeks so that agreement might be arrived at whether she could be allowed to return to the nursing home, provided she gave safeguards to the public and patients.

**No Extension of Letters Patent.**—In the Chancery Division, on October 25, Gillette Industries, Ltd., Great West Road, Isleworth, Middlesex, the Gillette Safety Razor Co., Ltd., Boston, U.S.A., and Henry Conrad Heide, Broad Street, Liverpool Street, London, applied for an extension of letters patent granted to Heide on February 1, 1927, for improvements in safety-razor blades. The application related to Valet safety-razor blades, and the ground of the petition was that loss had been suffered in the development of the patent owing to the war. The original owners were the Valet Safety Razor Co., of America. The patent was communicated to a director of Gillette Industries, Ltd., and assigned to the company. Owing to limitations on deliveries of steel strip, of which the blades were

made, there had been a serious decline in sales. Mr. Justice Simonds said that, for the war, blades of this kind would have been made by other manufacturers while the patent expired last February. Such blades could not be obtained because of difficulties created by the war, and this had kept people off the market. He refused an application on the ground that Gillette Industries, Ltd., was wholly owned by an American company, which had to some extent benefited where the English company had lost. It had supplied a foreign market hitherto served by the English company, and it seemed to him impossible to say that the applicants had proved by any diminution in sales that they had suffered a loss arising out of the war sufficient to justify an extension. He had to take into account the sale of no fewer than 560,000 packages effected by the American company.

**Perfume with Spurious Labels.**—At Marlborough Police Court, on October 27, Stephen Anderton Halsall, salesman, now serving in the Royal Air Force, and the proprietor of a boarding house in Devonshire Terrace, Bayswater, London, was charged with (a) applying a false trade description, "No. 5 Chanel, Paris," to seventy-two bottles of perfume, contrary to the Merchandise Marks Act; (b) possessing bottles of perfume to which the false trade description had been applied; and (c) manufacturing brillantane for the hair wholly or partly from petroleum. A detective inspector said accused had told him seventy-two bottles of perfume came from a woman he had met in a café and were on a boarder. Accused had himself bought perfume for 8s. 6d. a bottle and sold it for 10s. a bottle. When questioned by the police he had red stain upon his finger and clothes and explained it by taking an officer to a basement room where there were about 700 jars of solid brillantane and so-called cosmetics. He said, "I had better own up. I have been making a lot of cosmetics and I am not registered." There were some "Chanel" labels in another room, and accused said he had had them printed by the women in the café. He had about 3 cwt. of petroleum jelly, second grade, and had made it up into solid brillantane. The director of Chanel, Ltd., said the perfume in the bottles was not of his firm's manufacture, and the labels were a spurious imitation of their labels. Accused was committed for trial and was allowed bail in £100.



## TOPICAL REFLECTIONS

### Research in Industry

The space allotted in your last week's issue to research in industry (pp. 442-43, 448) is a measure of the importance of the subject. Early in the present year (The Chemist and Druggist, D., February 20, p. 183) you gave us a review of the Nuffield Foundation, established by Lord Nuffield with a donation of £100,000 for purposes which included scientific research and teaching in the fields of trade and industry. The recent report from the Federation of British Industries and the Parliamentary and Scientific Committee are welcome evidence that practical men in the world of affairs are not sitting back and leaving everything to the Nuffield Foundation. It is wise to be frank on this matter, and to start with the admission that this country has in the past been comparatively backward in recognising the fundamental necessity for systematic research in industry. By "systematic research" I mean co-ordinated and continuous research. The verdict of the F.B.I. Committee on this backwardness is definite, and needs no comment. For many years those interested in such matters have been aware that some Continental manufacturing houses have selected members of their staffs for the express purpose of carrying out what appears at first sight to be research, not necessarily related to any immediate commercial problem. The consensus of opinion is that this policy has been successful. The Committee referred to deals seriously with the probability that some manufacturing firms will not be able to meet the outlay involved in setting up research departments of their own; in such cases a constant review of current scientific progress, subsidised by an appropriation compatible with resources, is recommended. A few of the variety in types of research, and the policy is feasible and should be regarded as a minimum of obligation.

### Overlapping

Much will be generally agreed. At this point, however, a critical reader may raise the question of overlapping. He may object that when the Nuffield Foundation, the Department of Scientific and Industrial Research and the Universities are fully engaged, there is a danger of wasteful duplication of effort and that a serious conflict of interest will arise. That danger is, I think, more apparent than real. The Department of Scientific and Industrial Research has from time to time been generous in its disbursement of funds; and with a parsimonious

monious Treasury in control, it is likely to narrow its scope when it finds that other bodies are doing outstanding work in the same field. As to the Universities, at least four of the seven Nuffield trustees hold university appointments: a delimitation of these two spheres should accordingly present no difficulty. The general conclusions of the Parliamentary and Scientific Committee are unexceptionable; in particular, we may all agree that "the Universities should prepare for a rapid growth in the number of students of science and technology." In this connexion it is a healthy sign that the new President of Magdalen College, Oxford, is Sir Henry Tizard, a distinguished scientist and a trustee of the Nuffield Foundation. With his advent the last vestige of truth in Matthew Arnold's rhapsodical description of Oxford as "the home of lost causes, and forsaken beliefs, and impossible loyalties" may be said to disappear.

### What Is Expected

One reads with unusual interest the reflections of a trained legal mind on the function of the pharmacist in business (p. 443). Has the reasonable expectation of the public ever been put more neatly than in this sentence of Mr. S. C. T. Littlewood's? "Pharmacists should give the best possible service; have faith in examinations; receive sufficient remuneration; and have belief in trade organisations." Proprietors of pharmacies and their qualified assistants may with advantage take to heart the speaker's remark that he "objected to being served by a young girl who had no knowledge of the preparation she was selling." Not long ago a customer in my locality ceased going into a certain pharmacy for exactly that reason. Turning to the rôle of trade organisations, Mr. Littlewood suggested obtaining wider powers for protection of interests, and noted the meagre fees for National Health Insurance dispensing. I may recall the old saying that to whom much is given, of him much is required. On that principle it would seem that in the case of panel work little should be required; yet no self-respecting pharmacist would lower his standard of dispensing to match the level of the tariff. There is an unanswerable case for a new basis of contract. Finally, it was appropriately urged that something should be done for service men and women on their return to civil life.

**Xrayser**

## COMPANY NEWS

**CHERITONE CO., LTD. (P.C.).**—Capital £100. Wholesale and retail chemists, druggists' sundriesmen, etc. Directors not named. R.O.: Commerce Chambers, Upper Parliament Street, Nottingham.

**HEGA PRODUCTS, LTD. (P.C.).**—Capital £100. Manufacturers of and dealers in surgical syringes, microscopes, cameras, surgical and scientific instruments, etc. R.O.: 47 Commerce Road, London, N.22.

**ANSUM PROPRIETARIES, LTD. (P.C.).**—Capital £100. Manufacturing chemists, druggists, drysalters, etc. W. P. Richards, M.P.S., and Mrs. Alexandra Richards, directors. R.O.: 49 George Street, Newcastle-under-Lyme, Staffs.

**BRONDESBURY DRUG STORES, LTD. (P.C.).**—Capital £1,000. Wholesale and retail chemists, drug store proprietors, chemists' sundriesmen, etc. Archie Gillinson and Cyril N. Plumley, directors. R.O.: 338 High Road, Kilburn, London, N.W.6.

**VINETA PRODUCTS, LTD. (P.C.).**—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, disinfectants, toilet requisites, and retail chemists, etc. James E. Smith and Clifford W. Thornton, M.P.S., directors. R.O.: Vineta Works, 28 Union Street, Dewsbury, Yorks.

**JOHNSON AGENCIES (EXPORT), LTD. (P.C.).**—Capital £100. Importers and exporters, distributing and general agents for manufacturing chemists and others. Stanley C. and Lorna M. Springett, directors. R.O.: Clarendon Works, 86 Clarendon Road, West Croydon, Surrey.

**DONALD BROOKS & Co., LTD. (P.C.).**—Capital £2,000. To acquire the business of a manufacturing chemist carried on by Donald B. J. Brooks, at 271 Wakefield Road, Mold Green, Huddersfield. Donald B. J. Brooks, director. R.O.: 271 Wakefield Road, Mold Green, Huddersfield.

**C. A. STEWARD (CHEMISTS), LTD. (P.C.).**—Capital £1,000. To acquire the business of a chemist and druggist carried on by Mrs. M. J. Steward, at 27 High Street, Worcester, as "Charles A. Steward." Mrs. Mary J. Steward, Charles C. Steward, M.P.S., and Francis A. Steward, directors. R.O.: 27 High Street, Worcester.

**GENATOSAN, LTD.**—A final dividend has been announced on the ordinary shares of 15 per cent., making a total of 25 per cent. for the year (same as last year).

## PERSONALITIES

**SERGEANT F. G. McLARDY, M.F.R.A.M.C.**, was in one of the groups repatriated prisoners of war who arrived in Liverpool recently.

**MR. H. HUMPHREYS JONES, J.P.**, of Liverpool, is to speak at a conference of independent traders to be held in the R. worth Hall, Liverpool, on November 11.

**MR. T. HOLFORD**, Gordon Drive, Huy, retired on October 20, after twenty-seven years as departmental manager in laboratories, and nearly fifty-six years service with, Evans Sons Lescher & W. Ltd., manufacturing chemists, Liverpool.

**MR. LESLIE H. MOORE, M.P.S.** (son of Mr. G. H. Moore, Ph.C., St. Loe, Old N. bridge Hill, Bath), who is home on furlough from his work at the Baptist Mission Station at Pimu, Coquilhatville, Belgian Congo, was on October 31, at Man Street Baptist Church, Bath, presented with two cheques on behalf of the church and Sunday school. The first was towards buying a portable organ to take back to Africa. The second was a wedding gift in celebration of his forthcoming marriage to Miss Mary Jones.

**MAJOR W. E. WOOLLEY, M.P.S.**, Parliamentary Private Secretary to the Minister of Health, contributed the main article in the "Daily Express" leader page on November 1. Criticising the Government's method of calculating pay-as-you-earn income for wage earners, Major Woolley advocated an alternative plan—the Avison system under which only four calculations are necessary: (a) To multiply the week's wage by fifty-two; (b) deduct reliefs to obtain taxable income; (c) refer to a calculator to discover the appropriate annual tax; (d) divide by fifty-two.

**MR. WILLIAM TURNER EWING, D.S.O., M.A.**, who has been nominated as Treasurer of the Company of Merchants of the City of Edinburgh, was, until he retired a few years ago, senior partner in the firm of Dunn, Flockhart & Co., Edinburgh. Mr. Turner Ewing had a distinguished record in the war, when he commanded the Seventh Battalion The Royal Scots. He was awarded the D.S.O. with bar and the Croix de Guerre with palms, and was mentioned in dispatches. At present he is a director of the National Bank of Scotland, a Trustee of the Edinburgh Savings Bank, and chairman of the Royal Hospital for Sick Children, Edinburgh.



## DEATHS

**DOBLE.**—On October 17, Mr. Richard Doble, 5 Marshall Cottage, Whitechapel, Tavistock, aged eighty. Mr. Doble qualified as a chemist and druggist in 1886.

**DONALD.**—On October 19, Mr. John Donald, M.P.S., 29 George Street, Glasgow, aged eighty.

**ENGLAND.**—Recently, after a long illness, Thomas Arthur England, M.P.S., Ivy Road, Godstone Road, Rotherham, Yorks., aged sixty-three. Mr. England was formerly the manager of the Rotherham branch of Boots, Ltd. He retired at the age of sixty, but returned at a later date owing to shortage of staff. He leaves a widow and one daughter.

**FISCHL.**—At 37 Marefield Gardens, London, N.W.3, on October 26, Mr. Fred Fischl, aged fifty-three. Mr. Fischl was for many years manager of the export section of W. Hardy & Co., Ltd., chemical merchants, Fenton House, 112-13 Fenchurch Street, London, E.C.3.

**LANCASTER.**—Recently, Mr. Earle Raymond Lancaster, M.P.S., P.O. Box 379, Bulawayo, Southern Rhodesia. Mr. Lancaster qualified in 1926.

**NEWBY.**—At Burbage, Wilts, on October 13, Mr. Frederick George Ling, M.P.S., 10 Burbage, aged seventy-nine. Mr. Newby was formerly in business for over twenty years at Hackney Road, London, E.2.

**POUDEN.**—Recently, the wife of Mr. Pouden, M.P.S.I., Bridge Street, Loughborough, co. Down.

**LOW.**—On October 11, Mr. Joseph Low, M.P.S., 260 Brighton Road, Croydon, Surrey, aged sixty-nine.

**MEADOWS.**—On October 13, Mr. John Meadows, 10 Evesham Place, Stratford-on-Avon, aged eighty-three. Mr. Meadows qualified as a chemist and druggist in 1882.

**MILLER.**—At the General Hospital, Ramsgate, Kent, on October 14, Mr. Alfred Edmond Miller, M.P.S., 6 Belle Vue Road, Ramsgate, aged sixty-nine.

**NEWMAN.**—Recently, Mr. A. S. Newman, partner in the camera-manufacturing firm of Newman & Guardia, London. He designed the Sibyl and other cameras and was awarded the Royal Photographic Society's progress medal in 1936.

**SCHILLING.**—Recently, Mr. Francis J. Schilling, vice-chairman and managing director of Apollinaris and Presta, Ltd., and

Apollinaris Co., Ltd. Mr. Schilling had been in the service of the companies for over fifty years.

**SEYMOUR.**—In October, during air operations, Sergeant Harold Cameron Seymour, R.A.F., M.P.S., Gladney Cottage, Cupar, Fifeshire. Sergeant Seymour was formerly in business at 62 Granton Road, Edinburgh.

**TAYLER.**—At Chippenham District Hospital, on October 27, Mr. Charles Ludlow Tayler, Ph.C., aged seventy-four. For many years Mr. Tayler was in business at High Street, Chippenham, and retired after disposing of his business to Boots, Ltd. After an interval he returned to business by taking over a tobacconist's shop at 15-16 Pulteney Bridge, Bath, at which he carried on a combined trade in drugs and tobaccos. Mr. Tayler qualified as a chemist and druggist in 1895, passing the Major the following year. He leaves a widow, one son and one daughter.

## RECENT WILLS

**MR. JOHN TAIT AITCHESON, M.P.S., 80 Comiston Drive, Edinburgh, who died on March 28, left personal estate in Great Britain valued at £1,400.**

**MR. CHARLES HENRY NEWBY, 88 Halifax Road, Grenoside, Sheffield, chemical engineer, who died at sea in December 1942, left £7,416, with net personalty £7,331.**

**MRS. EDITH MARY DIAMOND, 14 Evesham Road, Monkseaton, Northumberland, who died on April 20, wife of William Diamond, chemical engineer, left £2,693, with net personalty £2,668.**

**MR. HENRY GORDON ALLEN, Brickhouse, Burwash, Sussex, formerly of Shanghai, late managing director of I.C.I., China, Ltd., who died on March 24, left £38,319, with net personalty £34,126.**

**MR. LIONEL DUNSFORD SEABORNE, The Ramblers, Turnpike Road, Newbury, Berks, formerly of Kirkstall, Leeds, retired chemist, who died on June 25, left £9,969, with net personalty £8,985.**

**MR. JOHN ALEXANDER REID SMILEY, 3 Townfield Road, Altrincham, Cheshire, for many years a representative of C. R. Harker, Stagg & Morgan, Ltd., manufacturing chemists, London, E., who died on February 26, left £2,728, with net personalty £2,624.**

**MR. THOMAS HERBERT THATCHER, 25 Buckingham Court, Kensington Park Road, formerly of 46 Lewisham Park, Lewisham, London, S.E., managing director of Atlas Preservative Co., Ltd., who died on June 24, left £13,217, with net personalty £12,782.**

## TRADE NOTES

**Price Approved.**—The Central Price Regulation Committee has approved an inclusive retail price of sixpence for Trille shampoo manufactured by the Excel Proprietary Co., Luton, Beds.

**Advertising in Northern Ireland.**—For advertising campaigns in Ulster a medium that carries the goodwill of its advertisers is the "Belfast Telegraph," Royal Avenue, Belfast (London office: 112 Fleet Street, E.C.4).

**Phosphorus Rat Poison.**—A phosphorus rat poison, suitable also for killing mice, moles, beetles and cockroaches, is offered by Brooke, Parker & Co., Ltd., Ashfield, Bradford, Yorks, under the name Vermex. Terms are given on another page.

**Poppy Day.**—Appeals to chemists to give generously on Poppy Day (November 11) are made in this issue by Burgoyne, Burbidges & Co., Ltd., London, E.6; Arthur H. Cox & Co., Ltd., Brighton; and Jeffreys, Miller & Co., Ltd., Leyland Mills, Wigan.

**Soluble Sanitary Towels.**—Carus, of Hoddeston, Atlantic, Hampden and Spotland Bridge Mills, Darwen, Lancs, claim that the name Carus has been accepted as a mark of quality since 1875. The company's Mexsol soluble sanitary towels are available for immediate delivery.

**Whooping-cough Elixir.**—Terms to chemists for a specially formulated elixir to relieve whooping cough are announced in this issue by Hough, Hoseason & Co., Ltd., Pendleton, Manchester. A sample and a list of the firm's other specialities will be supplied by the makers on request.

**Reduced Allocation.**—Owing to exhaustion of stocks of honey, sugar and other items now under strict control, International Chemical Co., Ltd., Braydon Road, London, N.16, state that they are now compelled to restrict sales of Pineate honey cough syrup to a percentage of sales made in the corresponding period of 1942.

### Proprietary Articles Trade Association

**Alterations to Protected List.**—*Glaxo Laboratories, Ltd.* (correction), Plexan ampoules, 6 x 2 c.c., 6s. 8d., 6os. doz.

*Hudson's Vegetable Leaflets* (distributors, *Sangers, Ltd.*), 4s. 9½d. doz., tax 4s. 9½d. doz., inclusive retail price, 1s. Cash discount of 3½ per cent. seven days withdrawn.

*Johnson & Johnson (Gl. Britain), Ltd.* Prices in Ireland (Eire): Johnson's baby and toilet powder, 1s. 6d., 12s. 6d. doz.; one to three doz., 12s. 6d. doz.; over three doz., 12s. 4d. doz.

*Osborne, Bauer & Cheeseman, Ltd.* (distributors, *Sangers, Ltd.*). Glymiel medicated jelly in jars, 6s. doz., tax 1s. doz., i.r.p. 10d.

*Potter & Clarke, Ltd.* Dr. Thompson's danielion coffee, 4-oz., 1s. 4d., 11s. 6d. doz.; 8-oz. 4½d., 22s. 6d. doz.; 1-lb., 4s. 1d.; 38s. doz. (exempt from tax).

*Veno Drug Co., Ltd.*, increased price November 1: Germolene toilet soap, 5s. 9d. doz., tax 1s. 11d. doz., i.r.p. 9d.

**Deletions from the List.**—*Jeyes Sanitizing Compounds Co., Ltd.*, Jeyes fluid, 7d. size; *Thomas Kerfoot & Co., Ltd.*, Castols, Neen Stimuloids; *King & Hudson, Ltd.*, male specific, 40-oz. liquid; *Knoll, Ltd.*, Ver ampoules and liquid; *Kolynos, Ltd.*, Koly liquid, 6d. size; *Lofthouse & Saltmer, Ltd.*, Losall's pills, 4s. size, lysol, 16-oz. and 32 sizes, halibut-liver oil capsules, 100's, halibut liver oil, 1-oz. size; *London and Colonial Export Co., Ltd.*, Irvona tonic tablets, 5s. size; *Lorimer-Marshall, Ltd.*, gold medal chemical food, 2-lb. size; *Macleans, Ltd.*, Maclean's mach tablets, 5s. size; *Bob Martin, Ltd.*, Blo shampoo; *Stephen Matthews & Co., Ltd.*, cones, 12s. 7d. size, Vicips, 7s. 5d. size; *Med Biological Laboratories, Ltd.*, St. James' balsam, 1s. size; *Milner & Coke, Ltd.*, O.Q.T. powder; *Henry C. Miner, Ltd.*, liquid stockings, 1-lb. Milk of olives, 1s. 6d. size, Seam Stik; *Oa Co.*, Oatine cream, 1-lb. size, Royal Co. Tintona hair dyes, 2s. 6d. and 4s. sizes; *Ch. H. Phillips Chemical Co., Ltd.*, Milk of magnesia tablets, 6d. and 3s. sizes; *Pompeian Co.*, L. vanishing and cold creams; *Ponds Extract Co., Ltd.*, Pond's vanishing and cold creams, tubes; *Roche Products, Ltd.*, Sedobrol sedative bouillon, tins of 100; *Dr. Charles Rooke, Ltd.*, Dr. Rooke's pills; *Sarubb & Co., Ltd.*, Scrub ammonia, 7d. size; *A. F. Sherley & Co., Ltd.*, Lactol biscuits; *Silf Co., Ltd.*, Silf tablets, 1s. size; *Dr. Singha Co., Ltd.*, Asthma tablets, 1s. and 2os. sizes; *Therapeutic Products, Ltd.*, Albucactin, 3s. 6d. size, Kalzana tablets, 1s. size; *Voltas, Ltd.*, Voltas, 8½d. and 3s. 9d. size; *A. Wander, Ltd.*, granulated kola glycerophosphates, granulated kola quinine, Ovaltine chocolate, 1s. size, Ovaltine rusks, 6d. size, Ph pastilles, tamarind laxatives, No. 1 Veg baby food, all sizes, No. 2, 5s. size; prices Bire for Ovaltine; *William R. Warner & Co., Ltd.*, Anusol ointment, Veganin tablets, 10 of 20, Vince powder; *Westminster Laboratories, Ltd.*, Brooklax and Bonomint, two-tablet sil Magtriz liquid; *Wigglesworth, Ltd.*, Opas br MacLean powder, 8d. size; *Squire & Sons, Ltd.*, Ferocal, 6s. size; *Brand & Co., Ltd.*, inv calf's foot jelly, plain, all sizes except 10 with wine, all sizes.

### Business Change

DISLEY CO-OPERATIVE SOCIETY, Ltd. has acquired the pharmacy at Fount Square, Disley, Cheshire—the only pharmacy in the village.



# NATIONAL PHARMACEUTICAL UNION

INGS of the Executives of the National Pharmaceutical Union and Chemists' De- Association were held in London on er 27, Mr. T. Heseltine in the chair. SECRETARY, reporting on work under- since the previous meeting of the tive, dealt with developments in the tution of the proposed Joint Indus- Council for retail pharmacy. It had arranged with the Ministry of Labour a meeting should be held on October hen the matter would be considered in , and the Executive, taking into con- the views expressed by branches, cted their representatives on the to adopt at this meeting. etter from the Board of Trade stated the President of the Board, after con- tion with the chairman of the Central Regulation Committee, had decided point a new Committee for the London a to deal with the work under the ion of Retail Businesses Order, 1942 C. & D., October 16, p. 376). The ary reported that he had submitted ggestion to the Board of Trade that ominent pharmacist, having a wide ledge of existing pharmaceutical con- as in London, should be appointed to Committee. report on arrangements made under a glucose tablets would be available abetic patients to avert attacks of glycæmia was received and approved.

## ution on Premises Registration Fee

was resolved to send the following tion to the Council of the Pharma- cal Society about the proposed increase remises fee: "That this Executive ts the necessity of increasing the ises retention fee, and urges that the nt raised from this source shall be ally earmarked for the Society's build- und."

## ions with P.A.T.A.

letter from the secretary of the Pro- ary Articles Trade Association stated the Council of the P.A.T.A. neither rted nor opposed unlimited distribu- of medicinal proprietary articles, and the guiding principle of the Association hat no artificial restrictions other than e required to make price-maintenance ive should be placed by the Association e distribution of proprietary articles e P.A.T.A. list. The Council of the

P.A.T.A. would, however, be prepared to consider any practical suggestions in regard to their present policy which the Executive of the N.P.U. wished to put forward. Proposals were therefore formulated by the Executive for the reorganisation of the P.A.T.A. to meet the wishes of retail chemists regarding the unlimited distribu- tion of proprietary medicines.

## Organisation

A report of a meeting of the special local organisation subcommittee held on Sep- tember 22 was received, and it was resolved that the matter should be discussed in detail at the next meeting of the Executive. In the meantime, the Local Organisations Officer was authorised to incur such expenses as might be necessary in arranging a special series of district meetings to be held between November 1, 1943, and March 31, 1944.

The Executive considered the method that should be adopted for the labelling of authorised alternatives for sal volatile and sweet spirit of nitre, in order to secure uniformity of practice and safeguard mem- bers from misdescription.

## War Aid Funds

THE SECRETARY reported that there had been no further claims on the Air Raid Mutual Assistance Fund since the previous meeting of the Executive. A claim out- standing for some time had been completed by payment of £12. A report from the War Distress Fund Committee for the period ended July 31 was also received.

## National Health Insurance

The secretary's report on arrangements made to call a conference of Pharmaceutical Committees at the earliest opportunity after the issue of the Government's white paper on a proposed National Medical Service was received and approved. The Minister of Health, at a recent deputation, having invited suggestions for improve- ments in the existing N.H.I. service that were desirable in the interests of the public, it was resolved that Pharmaceutical Com- mittees should be invited to submit sugges- tions affecting the chemists' service. The secretary submitted a memorandum out- lining proposals for future N.H.I. pharma- ceutical organisation. It was resolved that no immediate action should be taken, but that the secretary's proposals should be considered in detail when it was known

what form the Government's proposals was to take. A letter from the Middlesex Pharmaceutical Committee asked that a protest should be sent to the Minister of Health at the increasing practice of panel doctors ordering prescriptions containing multiple doses. It was resolved to send a letter to the Middlesex Committee declaring that the Central N.H.I. Committee was fully aware of the present unsatisfactory position, and that the practice would be taken into consideration when formulating proposals for the provision of a new national pharmaceutical service. The Central N.H.I. Committee was advised of the shortage of cataplasma kaolini and ephedrine. The secretary was instructed to make inquiries as to present supplies and if necessary to make representation to the Ministry of

Health in an endeavour to remedy present unsatisfactory position.

### Chemists' Defence Association

Settlements approved by the directors included payments of £290 arising out of the supply of eye-drops, £36 damage to personal injuries following a sun accident, and £20 compensation for death of lambs alleged to have been caused by defective preparation. Other claims left in the hands of the secretary. Defence had been provided in three cases where members had been summoned under the Food and Drugs Act in respect of use of gelatin; in two cases a successful defence had been pleaded, and in the other the prosecution had been withdrawn, each side paying its own costs.

## SOUTH AFRICAN MEDICAL SUPPLIES

KIDNEY trays, formerly imported, are now among goods pressed in South Africa and chromium plated. The difficulty of obtaining such chemists' supplies as tooth-paste, denture powder, tooth powder and hair-fixing cream has encouraged the local manufacture of these items, and a fair number are now appearing on the market under branded names. Most of the ingredients used are South African. Despite this activity there is still a considerable scarcity, and whenever small quantities of famous British brands come on to the market there is keen demand for them. Manufacturers are finding the provision of containers a major problem, but the shortage is being met in part by the local production of wooden containers.

### Cape Cosmetics

Cosmetics made in South Africa, to compensate for the growing lack of imported lines, are being packed in such containers. Certain supplies have been imported from South America, but it seems that this trade is now to decline, as the South African Government does not seem eager to let too much business go to the Argentine. South African manufacturers are attempting many new medicinal specialities, but it is now being suggested that plans should be laid for a heavy importation after the war of the various supplies that have now become depleted, and which it might be possible for Great Britain to ship. Certain South African drugs and medicines are being exported to the Belgian Congo and other territories in Africa, but such exports are so hedged in by Government restrictions

that they are not of considerable bulk. There have been complaints from other countries at the small quantities they have been receiving. The local quinine supply is expected to improve with the increased production and manufacture of quinine in the Belgian Congo, where the output has been largely increased since the war, but that stocks of saccharin may be primarily reserved for diabetic patients, the Controller of Medical Requisites has published an order in the Government "Gazette Extraordinary" freezing all stocks and calling for returns of stocks held and on which saccharin may at present be obtained by permit only, and these permits are issued only by the Controller of Medical Requisites. It is expected that when the survey is complete the freezing order will be varied in accordance with the stock position. Only if there is a surplus of permits will they be granted for the use of saccharin otherwise than by diabetic patients.

### Standards Maintained

In spite of the war the Department of Public Health is carefully controlling South African factories manufacturing chemical requirements. It has not permitted the importation of drugs below set standards. The medical fraternity even in war-time, is thus under no necessity to question the purity and potency of products as antitoxic sera, insulin, digitoxin and various immunising agents. It has also been shown that digitalis manufactured in South Africa from the locally grown foxglove can be as valuable as imported product.



# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

monthly meeting of the Pharmaceutical Society's Council was held at 17 Mansbury Square, London, W.C.1, on November 3. THE REGISTRAR said that there had been fifty-two persons registered as apprentices or students since the last meeting and there were fifteen names to be added to the Register of Chemists and Druggists with retrospective effect—people whose names had been removed during the current year. The Council agreed to the registrations. A similar resolution was necessary for five persons whose names had been removed during previous years. This was agreed. Four premises removed from the Register during the current year and during a previous year were agreed to be stored. The Council agreed to award diplomas to twenty persons who had been recommended by the examiners for the Diploma in Biochemical Analysis. Two pharmaceutical chemists who had passed examination were awarded diplomas.

## Committees

THE PRESIDENT (Mr. W. S. Howells) then proceeded to deal with the minutes of various committees. Mr. P. F. Rowsell submitted the Education Committee minutes, and said it was the primary duty of the Council to deal with the syllabus for examinations, but he and his Committee felt that they wanted all the help they could get from the examiners, and the teachers, in framing the syllabus. The minutes were seconded and adopted. Mr. J. F. McNEAL moved acceptance of the minutes of the Benevolent Fund Committee. Mr. ROWSELL said he wished to congratulate the Committee on the care and attention they had given to a case in which the Society was interested, and if they gave the same care and attention to every other case he could say that they were deserving the utmost praise. The minutes were seconded. Mr. L. M. PARRY, in reply to the President's remarks, said that there was no fixed age for annuitants. The cases mentioned in the minutes were ones which had been referred to the Benevolent Fund for many years, and the circumstances had not changed, and the Council would appreciate the fact that although they were placed on the list of annuitants, the amount could be varied from time to time if circumstances changed. The President had very carefully selected cases where the circumstances had not changed for a number of years, and there was no reason to suspect they would change in the

future. He thanked Mr. Rowsell for his praise of the Committee.

Mr. A. R. MELHuish moved the minutes of the Establishment Committee; Mr. H. G. SHAW the minutes of the Finance Committee; and Mr. F. C. WILSON the minutes of the Organisation Committee. All were received and adopted.

Mr. J. F. APPLETON moved the minutes of the Public Service Committee.

## Work under Difficulties

Mr. J. F. McNEAL said he had recently visited Tunbridge Wells and had found that one of the members of the local branch had been seriously ill for some time. Though not actually well enough he had returned to business to carry on the work which was so very necessary in that area. It seemed that a good many pharmacists were carrying on their work under great difficulties, and without any publicity, and it seemed to him they should pay some tribute to the pharmacists who were working under such difficulties and helping to carry on the health services of the country.

The Society acknowledged a letter from the Army Council concerning pharmacy in the Royal Army Medical Corps, stating that the Army Council would raise no objection to the publication of correspondence between themselves and the Society. A Press conference would later be held by the Society, at which the documents would be issued, and the president would explain them to the Press. The minutes of the Committee were approved.

## War Aid

Mr. W. DEACON moved the minutes of the War Aid Committee, and said it had been one of the happiest meetings held since the inauguration of the fund. They had received many letters of appreciation following assistance from the fund. Two of their members had been repatriated, and the husband of one of the ladies whom they had helped arrived home to find his wife was a fully qualified pharmacist, and so, pulling together, they would be very happy. They had elected to give a further sum of £100 for gifts to prisoners of war and internees. The minutes were adopted.

Mr. J. H. FRANKLIN said they had started a refresher course in Manchester. He hoped other centres would do likewise if they possibly could.

The Council then went into secret session.

## DEPUTY SECRETARY IN SCOTLAND

MR. F. W. ADAMS (deputy secretary of the Pharmaceutical Society) addressed meetings of the Glasgow and South-western Scottish and Edinburgh and South-eastern Scottish Branches of the Pharmaceutical Society recently on "The Report of the Committee of Inquiry." Mr. D. Gemmell presided at Glasgow and Mr. J. H. Tainsh at Edinburgh.

### Inquiry Committee's Report

MR. ADAMS described the main features of the Report, drawing attention to what he thought were its main lessons. He held that pharmacy's tendency during the past sixty years to become commercialised should be reversed. Pharmacy in shops should be practised as a profession, based upon the pharmacist being the authority on all aspects of medicines, and giving his whole time to pharmaceutical work. The conception needed to be accompanied by a revised attitude towards the relations between dispensing and prescribing. The facts of the situation required that the pharmacist should concern himself more with the action and uses of drugs as the collaborator of the prescriber. Secondly, the practice of pharmacy in shops needed to be limited to pharmacists and conducted on a co-operative and not on a competitive basis. Finally, pharmacy should be organised as a public service and integrated with other branches of the health services. Among methods of achieving these objectives was the creation of a public corporation for pharmacy. Apart from its immediate advantage, such an organisation would facilitate in adapting pharmaceutical practice to the ultimate requirements of a national medical service. The idea of a public corporation had found support in medical circles for medical purposes.

### Effect of Beveridge Report

MR. T. GUTHRIE (a past-president of the Society), at the Glasgow meeting, said he had been a member of the Committee of Inquiry, and knew the labour put in by Mr. Adams as its secretary. Most of the evidence had been taken before the war, and he felt that certain things had happened in the last four years that would affect the conclusions of the Committee. The Beveridge Report had been issued, and in England the chemists expected their dispensing to be doubled or trebled. In Scotland chemists were not likely to get much more than at present. Insurance dispensing brought in

from £100 to £150 for the average shop in Scotland, but pharmacists were distributors of goods as well as dispensers. This would continue even if the Beveridge scheme came in. They had to take steps to see they were not only the dispensers of prescriptions but also the only distributors of medicines. He dissociated himself from the proposal to have additional members of the Council appointed by the F.P.S. Council.

DR. JOSEPH TAIT said that circumstances had caused the issue of both parts of the Report at unfortunate times. A far more important part in the prescribing of medicines should be taken by chemists, through the information they could give to the doctor.

MR. COLIN CAMPBELL, Glasgow, said the Society in 1925 had raised the standard of its examinations. Had the status of the pharmacist also been raised? How did the status of the pharmacist in the U.S.A. compare with that of the British pharmacist?

### Tendencies in the U.S.A.

MR. ADAMS said he did not think improvement of the pharmacist's education had resulted in raising his status; the reason was that they had not controlled the conditions of practice in shops, and it was vital to improve those conditions. Developments in the U.S.A. were not parallel with those in Britain because recently the U.S.A. was an undeveloped country. This had affected the character of American pharmacies, but there had been a significant breaking away from the general store type and the number of strictly professional pharmacies seemed to be growing.

MR. W. SPENCE CULBERT said they came to the cross-roads, and the time perhaps came when commercialism and professionalism should be separated. They were trained and examined in pharmacy; they should get their living from pharmacy. Why should they do Insurance Act dispensing at non-remunerative rates? Further, only those with a certificate should be allowed to dispense. The Department of Health for Scotland had said there were too many pharmacists; it meant there were too many dispensing units. At present they had to bolster up their dispensing with commodities they were not proud of selling. Labelling of the ingredients in patent medicines had not diminished sales of the products.

MR. COLIN CAMPBELL said pharmacists



from diluted labour. Would the in future regulate the number of ices in proportion to the number fied?

ADAMS said the sale of drugs was as the job of the pharmacist as dispens- should not be carried on by other

There should be no dispensing supervision."

STONE said he felt pharmacy had supervise the professional activities members. Hundreds of men in the would come back to nothing. He in favour of the State taking phar- ver. It would ensure them a pension ing.

CULBERT declared that the chemist ever get a monopoly of drug selling. ADAMS said that pharmacists had o serious effort to change conditions. ad gone with the stream and taken rse that gave them the easiest kind g. They lacked confidence in them-

A. B. GILMOUR asked if Mr. Adams e they could prevent the advertising rietary medicines.—The reply was all depended on the effort made.

ices

McCRONE said that apprentices were ed to be instructed in the art of dis- t, but when they presented them- for examination they had a sound dge of theory but were deficient on ctical side. No college could cover ects of dispensing in nine months. ciety, through its inspectors, should t the pharmacist did his duty to the tice.

LOWRIE SINCLAIR, Greenock, asked University-trained student was not etter position to pass the Pharma- l Chemist examination than external ts. Were the students' books, which ere compelled to show, ever exam- He did not believe that the average eached the money amount quoted Guthrie for N.H.I. dispensing. He ed control of pharmacy by the State. ADAMS said that there was usually a proportion of passes among "inter- andidates for examination, and DR. explained that the books were asked make sure that the student had done escribed work.

es to Speaker

SOMERVILLE, Edinburgh, said at the urch meeting he had seldom heard a more in accord with his own point

of view. It was refreshing to hear a speaker from officialdom asking for action rather than reaction and aiming for a specific goal rather than for a compromise.

THE CHAIRMAN then introduced MR. DEACON (a past-president of the Society), who paid a tribute to Mr. Adams for the work which he had put into the Reports of the Committee of Inquiry. These volumes, he was sure, would become two of the great classics of pharmacy.

### Charter Change Urged

MR. TEESDALE, Edinburgh, hoped the meeting would be only the first of a series of discussions in their area on the future of pharmacy. The Report had been drafted before any immediate changes in the country's health service had been contemplated; consequently it was unbiased. It clearly showed the need for altering the Charter's object from the protection of those who carry on business as chemists and druggists to the protection of pharmacists. This should be done without delay. The statement in the Report that the number of members of Council appointed by the Privy Council should be increased, the additional members being pharmacists, required elucidation, and he would like to hear Mr. Adams's views: it appeared desirable that the normal democratic procedure should be adhered to. The present lack of virility of their Council and Executive could be traced to absence of an election for three years. It was to be hoped no pretext would be found for postponement in 1944. An infusion of younger pharmacists was urgently required; the principle of co-option had not been a success. In Scotland members of the Executive had stated, at the annual meetings, how anxious they were to welcome young employee pharmacists to the Executive, but when a vacancy occurred was it a young man they co-opted? No, it was not even a middle-aged man; the Executive had co-opted an octogenarian. Appointment of members by the Privy Council might have the same faults. The statement that the formation of an organisation adequately representing the interest of employee pharmacists was desirable also required clarification. Did not such organisations already exist? They had the Association of Pharmaceutical Employees in retail pharmacy, the Guild of Public Pharmacists in hospital pharmacy, and the Association of Scientific Workers on the manufacturing side.

(To be concluded)

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act that goods made of raw materials t supply owing to war conditions are sed in this paper or described in its al columns should not be taken as an tion that they are necessarily available port.

## Industry after the War

ese days of widespread speculation on ost-war prospects of industry it is ating to read an address by an rial leader in which the case for ry is clearly set out in a dispassionate ractical manner. Sir George Nelson, ent of the Federation of British tries, speaking at Manchester on er 29, covered the whole subject, ing on problems such as relations en the United States and Great n, controls, private enterprise, organi- of industry, and cartels. On the on of control Sir George takes the line here is danger when the war is won in ct that everybody will want to make elayed purchases. Supplies will still nited; demand will be great with a quent threat of inflation. To counter hreat control of prices and rationing ave to continue, but on a diminishing depending on the rate at which sup- are built up. But controls and ing must be brought to an end so that again trade may be operated in a fashion ded as normal in the pre-war years at tly a date as possible.

## Early Reduction of Taxation

With regard to taxation Sir George thinks that this must be reduced as early as possible after the war, and due relief given for depreciation on buildings, amortisation of patents, wastage of assets, and research. Depreciation allowances, he considers, should be blocked for expenditure on the items for which they are allowed; when war came, despite allowances that had been made for depreciation, plant and machinery in many factories were inefficient and obsolete.

## Private Enterprise

Sir George has a good deal to say on private enterprise which, he thinks, can quite well play the greatest possible part if those responsible for its direction justify themselves by their actions and by the results achieved. Private enterprise, he reminded his hearers, is essentially the system of payment by results, and if a private enterpriser is wrong he, and any whom he may have been able to convince, stand the loss. Another task before the country is to inquire how industry, as represented by the trade association movement, can best be organised. His view is that each section of industry should possess an efficient trade association to deal with its own domestic concerns. For the consideration of matters affecting the industry as a whole, those sections should co-operate by establishing either a joint committee or another form of organisation that will enable the whole industry to express its views. Progress has been made in this direction by many branches of industry but much remains to be done.

## Cartels

Speaking as one holding no interest in cartels, and therefore impartial, Sir George argues that there must be some measure of cartelisation for fundamental reasons if we are in future to achieve security from aggression. One of these reasons is that no country in the world should be allowed to live in prosperity at the expense of unemployment and misery in another, otherwise war will come again. Secondly, efforts must be made to ensure that capital and manufacturing capacity are not created greatly

in excess of the world's needs, as such a process ultimately promotes cut-throat competition and slumps. Without arguing the details or the safeguards necessary to maintain the urge to advance and achievement, he urges that cartelisation should organise for efficient production, with consequent lower prices, to serve a country's needs and its share in world demand. Should the method be associated with an economic price level, there remains, in his view, wide scope for enterprise and initiative in service and quality.

## Under One Umbrella

THE motto of the National Pharmaceutical Union is "*Prodesse Quam Conspici*," which is officially translated as "To be of use rather than conspicuous." From a statement in the September bulletin issued by the N.P.U. it appears that this motto may have to be reconsidered. Briefly, the Union announces that in future its policy will, in certain circumstances, be, (a) to regard itself more and more as an employers' organisation, and (b) to "intervene as a counterbalancing factor" to employees when the Council elections take place. The motives behind the change of attitude are stated to be, first, increasing pressure from the Ministry of Labour, which is proposing to introduce into pharmacy a Joint Industrial Council; and secondly, the activities of other sections of the profession, notably the employees, in putting forward their own candidates in the Society's Council elections. Branch meetings are being asked to discuss the formation of a Joint Industrial Council, and this subject was discussed at length in last week's issue.

### Unfounded Anxiety

If the N.P.U. has fears of what the employees may do on the Society's Council, it is pertinent to ask whether there are any real and solid grounds for its anxieties. Members of the Society naturally have a great interest in and enthusiasm for their own Society, which is a venerable body with a record of over a century's fruitful work, and which is, moreover, the embodiment of the high ideals and practical sagacity of those pioneers who first foresaw that pharmacy could become an organised and

purposeful calling. The fact remains, however, that in some of the main issues the present day the Society is, by reason of its Charter and of interpretations given by the Courts, virtually impotent. Employed pharmacists, if they gained every seat on the Council, might attempt to remodel the training conditions of apprentices, but could do little to better the working conditions of employed pharmacists. Similarly, the proprietor pharmacists, if they in turn secured a monopoly of seats, could, if they wished, take action through the Benevolent Fund to provide for unfortunate pharmacists who for any reason had become destitute or could, through the Statutory Commission, supervise the disciplinary action taken against members who had offended against accepted standards of professional conduct, but they would be debarred by the Judicial Committee from dealing with those matters of business interest which are of the nearest concern.

### The Right Course

Among the various sections of members of the Pharmaceutical Society, the National Pharmaceutical Union is admittedly the best organised, and it is particularly fortunate in one respect, namely, that it can make direct approach to the Government on any matter in which it is interested. The employees, on the other hand, since as they are represented by the Association of Pharmaceutical Employees, can approach the Government only through the Labour trade union of which their association forms a part. No doubt the Union will take such action in the interests of pharmaceutical employees as it can, but its effectiveness is bound to be greatest when those interests coincide with the needs of shop assistants in general. There are, however, occasions when employee pharmacists are closely linked with proprietor, hospital, and other pharmacists than with shop assistants. The employers, through the N.P.U., have frequently found that they are at a disadvantage in negotiations through having been able to secure the support of other sections of the trade or even a knowledge of the policy of other pharmaceutical bodies. This frustration is probably at the bottom of their desire now to seek representation on the Council. In so far as



guine conflict of interests, the result itable. We suggest, however, that st pharmaceutical questions today s a measure of agreement among all s. The real need is to find a method ch this can be ascertained and given For the reasons already suggested, oubletful whether the Council of the is in a position to do this. Could N.P.U. direct its efforts to securing anent forum on which all sections pharmaceutical and drug trade were nt? We have persistently urged rmation of such an "umbrella" ation. Misunderstanding and mis-ction of the activities of sectional s would be avoided. A measure of n agreement could be hammered d vigorous action taken, which, y by such a powerful and representa- dy, would command attention with ble hopes of achieving success.

## Small Traders Organise

COUNCIL of Retail Distributors was at a conference of traders' organisa- chambers of commerce and chambers le from all over the country, held on October 29. Invitations were to some 200 organisations, and it ated that delegates were present 33 of them, representing 155,000 traders or 35 per cent. of the total business in Great Britain. Captain Gammans (Member of Parliament rnsley Division) was voted to the t the conference, and he was subse- y elected chairman of the provisional ve committee of thirty, representing n areas into which the country has ived for the purpose of the work e new council. Mr. Collingwood s (the organising secretary and con- of the conference) said that the retail was face to face with a crisis. The ons for him were alarming. Many en called to the Forces and had had se down; others had had their es destroyed by enemy action and t been able to start again. Altogether 100,000 small traders had been put business. It was emphasised that w body was not intended to displace oplant any of the existing small

trader organisations but, on the contrary, to weld them together and provide a central council which could speak unitedly and with authority in the interests of small traders generally.

## Combine and Fight

Captain Gammans said he did not think the small traders had a hope of survival unless they were prepared to combine and fight. If they were, then he was their man and he would fight with them. When the resolution for the formation of the Council of Retail Distributors was put forward for discussion, Mr. H. G. May (London and Suburban Traders' Federation) strongly opposed it on the ground that so many small traders' organisations already existed and were federated with various national bodies. He mentioned that the National Chamber of Trade represented fifty national bodies and 500 affiliated chambers of commerce, and said he was very surprised to know that the Chamber had not been invited to the conference. Before a decision was taken to form a new body, it should be considered carefully whether the position was not best dealt with by bringing fresh blood into the existing organisations. The resolution to form the new organisation was carried, with some half a dozen dissentients, in a conference of about two hundred. Included in the list of delegates to the conference were Messrs. E. J. Andrews, F. Edwards, and J. Patterson (Photographic Dealers' Association); and W. Crumblehulme, H. Noble, and W. J. Tristram (National Pharmaceutical Union). Members of the provisional executive committee include Messrs. W. Crumblehulme (N.P.U.), J. Patterson, and F. Edwards (P.D.A.).

## Australian Pharmaceutical Service

THE Australian Federal Government has made clear its intention to introduce a national medical service in the Commonwealth. The Council of the Federated Pharmaceutical Service Guild of Australia, the Pharmaceutical Association, and the Executive of the National Health Insurance Research Bureau, have therefore decided to call upon every pharmacist in practice in the Commonwealth to subscribe to a fund for carrying out the work of planning the pharmaceutical aspects of such a service.

## A COLLEGE IN EXILE

THE School of Pharmacy of the Pharmaceutical Society is now back in London after being evacuated at Cardiff for over four years. In a report which was presented at the opening recently of the first session in London after the return, THE DEAN of the College (Mr. H. Berry, B.Sc., Dip. Bact., A.I.C., Ph.C.) gave an account of the work done at Cardiff and made some observations on the problems facing pharmacists generally today. He said:—

To return home after a long exile is generally an occasion for rejoicing and celebration, and the return of the College to its old habitation is no exception to the rule. The College was in danger of losing its identity, forgetting its traditions. It was the good fortune of the School to be offered the hospitality of the University of Wales, at Cardiff. While in Cardiff we met perfect hospitality, generous and unselfish, from our hosts, from the Welsh College of Pharmacy, and from citizens in every walk of life. The four years were not unfruitful. The senior staff maintained contact with activities in London. Research was pursued, although gradually the number of research workers dwindled. Eight students were awarded the degree of Ph.D. Three members of the staff passed the B.Sc. with Honours and two Pereira medals came to the College. Twenty-three B.Pharm., twenty-four Ph.C. and seventy-five chemist and druggist qualifications were obtained.

### Staff Changes

There have been many changes in the staff. Professor Gaddum resigned his chair in pharmacology to take that at Edinburgh. Dr. West is acting head of the Department of Physiology. The number of men demonstrators has been considerably reduced; and the staff now possesses a preponderance of women. Lastly, we extend our sincere congratulations to Dr. Wallis on his Conference chairmanship.

### Pharmacy's Present Problems

It is to be regretted that the organisation of the national effort for war does not find a greater use and recognition for the professional skill of the young highly-qualified pharmacist. The problem of pharmaceutical commissions in the fighting services is one which has been acute during and since the last war. We know that the Council is alive to the problem and is, I am sure, making every effort to find a

solution, but time is passing by. Time is passing, too, in the much more important problem of post-war pharmaceutical education, for here the situation is getting critical. The probable position of the pharmacy in the contemplated reorganisation of medical services has been and is being ventilated. The Council and other pharmaceutical bodies are very active in the matter and I do not wish to express an opinion here as to the probable outcome. Whatever the outcome, one thing is certain, the University degrees in pharmacy will be reorganised. In fact, that reorganisation has already begun. The Norwood Spens reports on education, although yet adopted by the Government, seem to be so, and this University at Leeds is working now on the assumption that they will be adopted. They suggest a common entrance examination to a university approximately the standard of the present Higher School Certificate, only taking five or six subjects instead of four. The examination, taken at the age of eighteen plus, will replace matriculation and intermediate. The boy will pass into the University of London for a final examination course which will be required to enter over three years. One proposal is that the number of subjects taken should decrease with succeeding years so that he can specialise in one subject only in the final year. It may be therefore that we shall produce what will be in effect an honours degree in pharmacy.

### Society's Scholarship Award

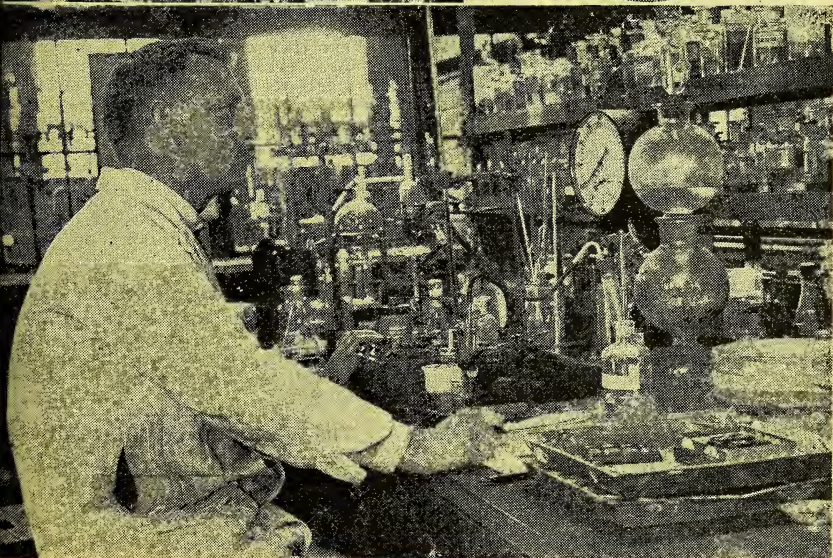
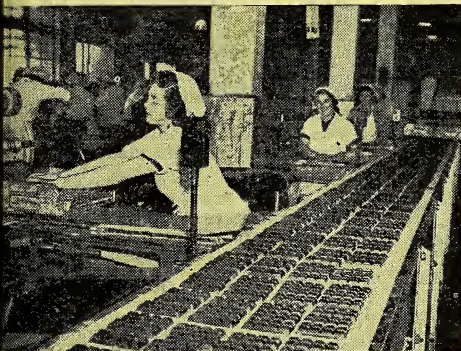
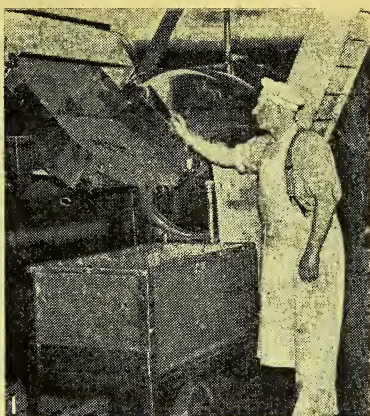
Scholarships for pre-graduate students awarded on the results of an entrance examination conducted by the Pharmaceutical Society and open to all Student Associates have been granted for the year as follows: JACOB BELL MEMORIAL SCHOLARSHIP.—Eva Mary Dickinson. CHESTER PHARMACEUTICAL ASSOCIATION SCHOLARSHIP.—Kenneth William McLEVERHULME SCHOLARSHIPS.—(1) Kenneth Eric Parsons; (2) Mildred Gertrude Goss; (3) William Burke. DEVON AND CORNWALL EXHIBITION IN PHARMACY.—No award. NOTTINGHAM UNIVERSITY COLLEGE SCHOLARSHIPS IN PHARMACY.—Bernard Martin and John Eric Pearson. HERBERT PRIZES.—Stephen Benjamin Challen (bronze medal) and Geoffrey Shaw (bronze medal). PEREIRA MEDAL.—Gerald James (bronze medal).



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## TRADE MARKS

(From "The Trade Marks Journal," October 13)

"AGROPOL"; for industrial chemicals, chemical products used in agriculture, etc. (other than insecticides, fungicides and preparations for killing weeds), and for natural and artificial manures (1).

"ALAZONE"; for bleaching preparations, etc. (3). By B. Laporte, Ltd., Kingsway, Luton, Beds. 624,040; 623,176.

"KLEEWARE PLASTICS" on oblong shape; for cosmetic powder and rouge boxes wholly or partly made of thermo-setting or thermoplastic mouldable material (3) and for goods (14), (21), (26), (28) and (34). By O. & M. Kleemann, Ltd., 158-62 Oxford Street, London, W.1. B623, 419-24 (All associated).

"SKAT"; for perfumes, non-medicated toilet preparations, etc. (3). By H. Ibbetson, Ib-co Works, Great North Road, Stevenage, Herts. 623,947.

"SLIPCO"; for sanitary and disinfecting preparations for agricultural, veterinary and household purposes and for weed and vermin destroyers (5). By A. E. Zeumer, North Street, Middle Barton, Oxford. 619,709 (Associated).

"NERVOLLN"; for preparations for alleviating headaches and neuralgia (5). By J. D. Waddell, 255 Mossbank Drive, Glasgow, S.W.2. 622,548.

"HOLOYD"; for medicines for human use (5), meat extracts, etc. (29), baking powder, etc. (30), goods (31) and for beverage preparations (32). By H. O. Lloyd, 10-11 Suffolk Parade, Cheltenham. 623,504-08 (All Associated).

"VITONE"; for pharmaceutical capsules, pellets and tablets for human use (5). By Hough, Hoseason & Co., Ltd., Sun Buildings, Bridge Street, Manchester. 623,530.

"DEBUSAN"; for antiseptics, disinfectants, bandages, surgical dressings, sanitary towels and tampons (5). By Mary I. Downing, 32 Hillside Avenue, Clarksfield, Oldham. 624,435.

## APPLICATION AMENDMENT

According to "The Trade Marks Journal," October 13, 1943, specification No. 619,629, by Johnson & Johnson (Great Britain), Ltd., has been altered so as to read: "Surgical adhesive plasters for export."

(From "The Trade Marks Journal," October 20)

"MEGGESON" in script characters across design of St. George and the dragon; for perfumes, non-medicated toilet preparations, etc. (3), and for all goods except ointments and similar goods (5). By Meggeson & Co., Ltd., Llewellyn Grove, Llewellyn Street, Bournemouth, London, S.E.16. 623,719-20 (Associated).

"TIANDA" and "TANDAL"; for non-medicated toilet preparations, soaps, dentifrices, perfumes and hair lotion (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 623,962 (Associated); 623,963.

## COMING EVENTS

## Monday, November 8

ROMFORD BRANCH OF THE PHARMACEUTICAL SOCIETY, Market Room, Golden Lion at 7.30 p.m. Mr. F. C. Wilson (a member of the Society's Council), opening a discussion on the proposed revision of the Society's "Statement upon Matters of Professional Conduct."

## Tuesday, November 9

BRIGHTON AND HOVE ASSOCIATION OF PHARMACEUTICALS, Union Church Institute Hall, Square, Brighton, at 7.15 p.m. A meeting and musical entertainment.

MANCHESTER PHARMACEUTICAL ASSOCIATION AND BRANCH, Onward Hall, Dear Street, Manchester, at 7.45 p.m. Mr. F. W. A. (deputy secretary of the Pharmaceutical Society) on "Pharmacy and the Beverages Report."

## Wednesday, November 10

WIGAN BRANCH, NATIONAL PHARMACEUTICAL UNION, Wigan Mining and Technical College Library Street, at 3 p.m. Mr. H. Stead (area representative) on "The N.P.U. Work Today and Its Plan for Tomorrow."

GLASGOW AND SOUTH-WESTERN SOCIETY OF THE PHARMACEUTICAL SOCIETY, Highlanders' Institute, 27 Elmbank Street, at 7.30 p.m. Short papers by members of the branch.

## Thursday, November 11

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. A. H. Tincker, M.A., D.Sc., on "The Use of Plant Growth Substances."

WEST HAM AND EASTERN (LONDON) DISTRICT ASSOCIATION OF PHARMACEUTISTS, The Central Institute, 27 Romford Road, Stratford, at 2.45 p.m. Mr. J. F. McNeal (a member of the Society's Council) on "Coming Pharmacy."

## Friday, November 12

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 4.30 p.m. Mr. C. D. Dalton, D.Sc., F.R.S. (Director, John Innes Horticultural Institution), on "The Cultivation of Cultivated Plants."

## Saturday, November 13

GUILD OF PUBLIC PHARMACEUTISTS, 17 Bloomsbury Square, London, W.C.1, at 2.45 p.m. A. R. G. Chamings, B.Pharm., Ph.C., on "An Up-to-date Survey of Ointments and Creams."

**The Merchant Navy.**—Half-a-ton of waterproof paper is needed to produce insulation board for every new merchant ship. This material is used to line the crew's quarters as a protection against excessive heat and cold.



# CHEMICAL MANUFACTURERS' MEETING

twenty-seventh annual meeting of Association of British Chemical Manufacturers was held in London recently, F. Merriam (chairman) presiding.

## Annual Report

The annual report recorded a membership at the end of the year of 167. The number of affiliated associations increased by fourteen. During the four war years 1939 membership increased by thirty firms. During the year Mr. Dunlop had unfortunately had to resign the chairmanship of the British Standards Institution chemical divisional council. The chairman of the Association had been elected by the Institution to fill the vacancy. The Traffic Committee met frequently.

## Armistice Questions

During adoption of the report, THE CHAIRMAN said:—  
I wish first to refer to the sad loss we have recently suffered by the death of Mr. J. H. L. Drake, and it is fitting that I should pay public tribute to his twenty-six years' service in connexion with the traffic committee, first as chairman and later as secretary. Among the matters referred to in the Report is the work of the fuel and traffic committees which have developed during the past twelve months. During the year the Ministry of Supply approached the A.B.C.M. and other chemical industry associations in regard to certain post-armistice questions. The Ministry asked for information to help in formulating a post-war term policy for the period immediately following cessation of hostilities. At the invitation of the A.B.C.M., all the associations concerned met together and agreed to submit a uniform questionnaire to members. A joint meeting was also held with representatives of the Ministry of Supply and other Government departments interested, in order to clarify certain doubtful points. It was the first occasion on which a trade association connected with the production of chemicals had met the Government as one body, and it was warmly welcomed as helpful to the Government departments concerned and a happy omen for future collaboration. The readiness of the Association to call for help from Government departments is greatly appreciated.

## Organisation of the Association

At our last annual meeting I referred to the reorganisation of the Association and

suggested that we might have to consider, among other things, whether it was desirable for membership of a trade association, such as our own, to be compulsory for all firms in an industry, and whether the association should be in a position to enforce its decisions. During the year the views of members on these two points have been made quite clear in the course of answering a questionnaire issued by the Federation of British Industries. The great majority were strongly averse to any form of compulsory membership of a trade association, nor did they wish for compulsory powers to be granted. During the year under review we have started a more intensive study of post-war problems by inviting groups and affiliated Associations to submit reports enabling the Council to appreciate the problems facing the various sections of the industry. Good progress has been made, but only one report has reached the stage of formal presentation to the Council. Mr. Pratt, who is still working for the Ministry of Supply, where he has been for more than three years, has been able, since last January, to devote a certain amount of his time to this work. He is present today, and I hope we may have the advantage of hearing his views.

I think I am justified in saying that the chemical industry has done, and will continue to do, as much as any industry in the country to help in the national effort to win the war at the earliest moment. It is imperative that each firm in the chemical industry should undertake a thorough overhaul, in order to make itself more efficient and improve the general efficiency of the industry.

I have now reached the end of my term as Chairman of the Association, and I cannot let this occasion pass without thanking the members very sincerely for their support during the past two years. I am especially grateful to our joint assistant managers, Messrs. Drake and Holden.

## Officers and Council

The constitution of the Council for the ensuing year will be as follows: *President*, Dr. E. V. Evans, O.B.E. *Vice-presidents*, Dr. E. F. Armstrong, F.R.S., Dr. F. H. Carr, C.B.E., Messrs. R. Duncalf, C. A. Hill, B.Sc., and C. F. Merriam, Sir David Milne-Watson, Messrs. R. G. Perry, C.B.E., and E. Wallace. *ELECTED MEMBERS: Chairman*, Dr. P. C. C. Isherwood, O.B.E. *Vice-chairman*, Mr. L. P. O'Brien. *Treasurer*, Mr. C. E. Carey. *Messrs.* F. W. Bain, M.C., and T. R. G. Bennett, Dr. A. E. Everest, Messrs. G. E. Howard, H. Jephcott, W. F. Lutyens, J. H. Olliver, D. J. W. Orr, F. M. Roberts, K. H. Wilson, W. J. U. Woolcock, C.M.G., C.B.E., and H. Yeoman. *CO-OPTED MEMBERS: Messrs.* A. D. Daysh, C. G. Hayman and T. D. Morson, Lord Trent. The general and assistant managers are unchanged.

## C.F. SECRETARY AT MANCHESTER

MR. R. H. KEMP (secretary of the Chemists' Friends Association) addressed a meeting of the Manchester Pharmaceutical Association and local branches of the Pharmaceutical Society and the National Pharmaceutical Union, recently, Mr. W. Edwards in the chair. Mr. Kemp's subject was "Proprietary Medicines and the Future of Pharmacy." He spoke of the pioneer work of Sir William Glyn-Jones in establishing the Proprietary Articles Trade Association, thus assuring a definite profit to distributors of proprietary articles. He hoped the P.A.T.A. would remain a lasting memorial to one of the greatest figures known in pharmacy. He had a few days earlier examined, through advertisements in the pharmaceutical Press, the average rate of profit ruling on proprietaries in the years 1895-1900. The average was 5 per cent. on turnover. Through the establishment of the P.A.T.A. this had been remedied, but the additional profit had attracted traders outside pharmacy. It had also attracted manufacturers whose interests were not pharmaceutical. It was necessary to complete the good work of Sir William and convince the manufacturer that the goodwill of the pharmacist was valuable to him.

### Protection in the Future

Before the repeal of the Medicine Stamp duty, out of 140,000 licences issued, only 15,000 were chemists', so that to each chemist there were nine other points of distribution. The proportion today must be even greater. Had anything been done to protect business in the future? The C.F. movement gave the reply. In 1939, the C.F. Association was set up as an independent body. It was a tripartite body representing manufacturers, wholesalers and retailers. All problems were considered by the Council as a whole, and this policy would determine the future success of the C.F. movement. In 1941 an endeavour was made to increase the degree of support received from the retail trade, and 6,000 chemists had signed the agreement form. Certain conditions imposed had not yet been enforced. Further consideration would be given to them after a meeting of manufacturers in the autumn. They had hoped to have had a measure of agreement with multiple firms, but this had not yet been secured. Proprietary medicines might be affected by the new national health service, under which control of advertising and distribution of proprietary medicines might be set up. In

preparation for this, the C.F. Council already set up a Standards Committee. would ensure that all articles accepted by the C.F. Council would be products could safely be recommended by chemists. In this way the public were safeguarded. Advertising of proprietary medicines already subject to some control by the Press, and it was likely that this would be extended. Extravagant claims and creation of fear in the minds of the public would be factors in limitation.

### Marketing Costs

Replying to questions, MR. KEMP said marketing costs of proprietaries should be out of proportion to the value of the product. To a suggestion that the Council should market drugs and household remedies, with a distinctive trade mark and uniform price, Mr. Kemp said the difficulty was in standardisation of prices. The overheads of a high-class dispensing business were higher than in a business in an industrial area. To a criticism that the Society and the N.P.U. had done nothing regarding the future of pharmacy in the new health services, Mr. Kemp said the Society and the N.P.U. had not waited for the proposal to the Ministry, but in a memorandum submitted their proposals to the Government. They did not know whether they had been accepted or rejected. So the N.H.I. was concerned the Ministry had they were not prepared to enter into negotiations for a fresh contract during hostilities. To another question Mr. Kemp said the P.A.T.A. and the C.F.A. were not in any way antagonistic; both were essential to the pharmacist. MR. C. CRONIN, chairman of the N.P.U. branch, proposed a vote of thanks to Mr. Kemp. During the meeting congratulations were extended to Mr. Brindle on his appointment as chairman of the next British Pharmaceutical Conference.

## C. & D. QUIZ NO. 14

1. By whom was Epsom salt discovered?
2. What famous Egyptologist was a pharmacist?
3. What is "flowers of phosphorus"?
4. Why is bromine so called?
5. What is gingerin?
6. What is Burow's solution?
7. What is grey oil?
8. What is poor man's plaster?
9. What is yaw root?
10. What is gluside?

(Answers on p. 477)



## TRADE REPORT

quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include war risk insurance and other abnormal charges payable in the present emergency

### Essex Street, W.C.2, November 3

Business in most markets has been steady throughout the week, though the volume of business shows no improvement. Prices generally show a firm tendency, with movements limited to one or two alterations. On the other side an advance of 2s. per lb., as announced for November 1, has been announced for IPECAC. LIQ., while VANILLIN has advanced by 1s. 6d. per lb., owing to the tendency of CLOVE OIL. Business in PHARMACEUTICAL CHEMICALS continues to be restricted on account of the supply position. CREAM OF TARTAR and SALICYLATES are in good demand at unchanged rates.

### Drugs

The markets have kept fairly steady throughout the week, with business modest in volume. One or two items show small variations in values, but on the whole prices have been few. CAPE ALOES has been in good request, but no spot supplies are available. As noted last week (p. 474) BALSAM TOLU is fetching a higher price; it is likely that this drug will gradually appear from the market, as no imports are apparently being issued. Little interest is being taken in BENZOIN, and this is confined to occasional sales at reduced prices. CAMPHOR may still be ordered by approved buyers, but only small sales are being made. CLOVES and SPICES are quiet, with values unchanged on the week. Spot supplies of No. 1 CLEMATIS are exceedingly difficult to find. There is some demand. No change has been noted in the position of IPECACUANHA as previously reported; as mentioned above, IPECAC. LIQ. is dearer. The position of CLOVE OIL is no nearer clarification. IMMEDIATE SEEDS are steady, with only a small amount of business being done at previously reduced prices. SENNA is a quiet market, with most varieties in good supply. Values of AGACANTH are firmly maintained at levels recorded last week.

### Essential Oils

Business in "free" essential oils is regulated by the diminishing quantities available, but no upward price tendency is discernible. Allocations for "controlled" oils are being made. No further prices have yet

been received. The Ministry of Food announces that there will be no change in the existing prices of oils and fats allocated to primary wholesalers and large trade users during the four weeks ending November 27.

### Exchange Rates on London

During October the London valuations of the principal foreign currencies were unaltered. The Bank of England fixed rates include: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. The Chinese National dollar is valued at 3 $\frac{3}{4}$ d., and Madrid pesetas are at 40.50 to the £ sterling.

## Pharmaceutical Chemicals

ALLOBARBITONE.—Makers' price is steady at 60s. per lb.

AMPHETAMINE.—Steady at the unchanged price of 150s. per lb.

ATROPINE.—Steady at the following prices per oz.: ALKALOID, 1 oz., 35s.; 4 oz., 34s. 6d.; 25 oz., 34s. SULPHATE, 1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., 27s. METHYL BROMIDE and METHYL NITRATE, 1 oz., 65s.

BIUM SULPHATE, B.P. (x-ray).—Quoted at the following rates per lb. in quantities of 28 lb.—1 cwt. (containers in brackets): 1s. 5 $\frac{1}{4}$ d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2 $\frac{1}{4}$ d. (14-lb.); 1s. 2d. (28-lb.).

BORIC ACID.—Makers' quotations are as follows: B.P. granulated, £60 15s. per ton; crystal, £61 15s.; powder, £62 15s. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

BROMIDES.—POTASSIUM is quoted by makers at the following prices per lb., in lots of from 28 lb. (containers in brackets): 3s. 5 $\frac{1}{4}$ d. (1-lb.); 3s. 3 $\frac{1}{4}$ d. (4-lb.); 3s. 2 $\frac{1}{4}$ d. (7-lb.); 3s. 2 $\frac{1}{4}$ d. (14-lb.); 3s. 1 $\frac{1}{4}$ d. (28-lb.). SODIUM,  $\frac{3}{4}$ d. per lb. extra; AMMONIUM, 2 $\frac{1}{4}$ d. per lb. extra; powder, 2d. per lb. extra.

BRUCINE.—Quoted by makers at the following prices per oz.: ALKALOID.—Under 25 oz., 1s. 4 $\frac{1}{2}$ d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3 $\frac{1}{2}$ d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3 $\frac{1}{2}$ d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2 $\frac{1}{2}$ d.

CREAM OF TARTAR.—Steady at British makers' quotation of 262s. per cwt., less 2 $\frac{1}{2}$  per cent. discount. Demand is fair.

GALLIC ACID.—Prices range from 9s. to 10s. per lb., according to quantity.

GUAIACOLS.—From 14s. to 15s. per lb. would be wanted for crystals and carbonate.

**HOMATROPINE.**—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

**MAGNESIUM CARBONATE, HEAVY.**—Makers quote for the home trade the following prices per lb. in quantities of 28 lb.—1 cwt. (containers in brackets): 1s. 6½d. (1-lb.); 1s. 5d. (4-lb.); 1s. 4d. (7-lb.); 1s. 3½d. (14-lb.); 1s. 3d. (28-lb.). Prices net one month.

**MERCURY IODIDES.**—The following are makers' prices per lb.: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

**MORPHINE.**—Small supplies are quoted by makers at the following prices per oz.: ALKALOID, ½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s. HYDROCHLORIDE, ½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

**SULPHANILAMIDE.**—Prices range between 10s. 6d. to 12s. 6d. per lb., according to quantity.

**TARTARIC ACID.**—British makers quote 3s. 1½d per lb. for B.P. crystal, less 5 per cent. discount.

**TERPINEOL.**—May be had for medicinal use at from 3s. 6d. to 4s. per lb., according to quantity.

**VANILLIN.**—Following the lower tendency of clove oil vanillin has been reduced by 1s. 6d. per lb., making the price for small lots 21s. 9d. per lb., with lower prices for quantities.

## Crude Drugs

**ALOES.**—Good demand continues for Cape, but spot supplies are not available; afloat, 92s. 6d. per cwt., c.i.f. Curaçao, 480s. per cwt., spot.

**ANTIMONY.**—English 99 per cent. regulus is maintained at £120 per ton, delivered; 70 per cent. crude, for the home trade, £100 per ton, delivered. Supplies are reserved for essential purposes.

**BALSAMS.**—As noted last week, *Tolu* is dearer at 15s. 6d. per lb., for softish material; it is understood that import licences are not being granted. Other varieties are unchanged as follows: *Canada*, 10s. 3d. per lb.; *Peru*, 8s. 3d., duty paid; *Copaiba*, unobtainable.

**BELLADONNA.**—Indian leaf may be obtained on spot at 5s. to 5s. 6d. per lb., and Indian root at 4s. to 4s. 6d. per lb., both according to test.

**BENZOIN.**—Business small; prices unchanged. Sumatra block, spot, £22 10s. to £25 per cwt., according to quality. Free "almonds," £32.

**BUCHU.**—Neither rounds nor ovals are available to meet the current demand.

**CAMPHOR.**—Dealers report small sales to approved buyers, at unchanged prices: Chinese crude, 10s. per lb., B.P. 11s. 6d.

**CARDAMOMS.**—Spot quotations for greens are steady at 5s. 6d. per lb.; seed may be had at 6s. 6d., and split s. 5s. 6d.

**CASCARA SAGRADA.**—Demand continues, no supplies of bark are available.

**CHAULMOOGRA.**—*Hydnocarpus*, spot, t cases, 1s. 7d. per lb.; shipment from 1s. 3d. per lb., c.i.f.

**CHILLIES.**—Mombasa is steadily quoted spot at 120s. per cwt.; no other varieties offered.

**CLOVES.**—Spot quotations for Zanzibar unchanged at 1s. 5½d. per lb.; second-quality to arrive, 10d. per lb., c.i.f. sellers.

**COCHINEAL.**—Blacks are offered for use at 4s. 9d. per lb., spot.

**COCOA BUTTER.**—Maximum official remains at 1s. 5½d. per lb., ex factory or house, except for sales made under Ministry of Food licence.

**COCONUT (DESICCATED).**—A Ministry Order fixes the price at 49s. per cwt.

**DIGITALIS LEAVES.**—English-grown leaf quoted at 2s. 6d. per lb.; Portuguese steady on spot at 135s. per cwt.

**DRAGON'S BLOOD.**—The only variety available is dull Zanzibar drop, which may be had on spot at £21 per cwt.

**ELEMI.**—No. 1 gum is wanted, but supply is difficult to find; spot, if available, 4s. 6d. per lb., c.i.f.

**ERGOT.**—Spot, 5s. 3d. per lb.; shipment, 4s. 6d. per lb., c.i.f.

**GALANGAL ROOT.**—Quoted at 100s. per lb. in bond Liverpool.

**GINGER.**—A preliminary forecast of ginger crop in the Bombay Province for season 1943-44 ("Indian Trade Journal") states that the crop is grown to some extent in Gujarat and the Thana district and to limited extent in the Belgaum district. Harvest was done from the end of May to the middle of June. Germination is good and further progress of the crop is reported to be fairly satisfactory.

**GUM ACACIA.**—No change has occurred spot price of Kordofan cleaned sorts at 200s. per cwt.; bleached, 150s., c.i.f.; Talha, 155s. per cwt., landed terms.

**HENBANE LEAVES.**—Indian leaves, 200s. to 350s. per cwt., according to quality; Russian leaves, to approved buyers, 300s. per lb.

**IPECACUANHA.**—Continues in good demand but no spot supplies are available. Price EXT. IPECAC. LIQ. are advanced by 2s. 1d. as from November 1. New rates are as follows: Winchester, B.P., 1932, under three, 3s. per lb.; three and under six, 32s.; six and under twelve, 31s. 6d.; twelve and over, B.P., 1914, under three, 30s. 6d.; three and under six, 30s.; six and under twelve, 29s. 12d. and over, 29s. per lb.; all prices are on a net basis.



P.—Brazilian root can be obtained from at 105s. per cwt., for material testing cent., and 95s. for 13 per cent.

ALA.—Spot price of material testing 3 per cent. remains at 1s. 9d. per lb.

ORICE ROOT.—Approved users may obtain a root for pharmaceutical purposes at 1r cwt., spot; cut Russian root, for pharmaceutical use, 96s. 6d. per cwt.

CHOL.—No change has occurred in the as previously reported.

RH.—Good-quality Aden sorts are priced at £20 per cwt.; pickings, £10.

EGS.—West Indian, spot, wormy and 1s. 5d. per lb.; sound unassorted, 1s. 8d.

VOMICA.—Cochin, spot, steady at 42s. 6d. per cwt., according to seller; shipment dia, 35s., c.i.f. Cocanada, spot, 37s. 6d.; shipment, 32s. 6d., c.i.f.

GE PEEL.—Spanish bitter quarters are on spot at 4s. 3d. per lb.; good-quality, 4s. 6d.

NT.—Sellers on spot at 1s. 9d. per lb.; it is not quoted.

LIUM SEED.—Small lots of Indian seed obtained from dealers at 1s. 3d. per lb.

IAIA BARK.—Crushed or cut bark, spot, cwt.; natural, spot, 75s.; afloat, 65s.,

ARB.—In fair demand; prices are un-. Spot, rough-round, 8s. per lb.; flat, ed, rough-coat, 8s. to 8s. 3d.; slightly 8s.

IN.—Spot, steady at 7s. 6d. per lb.,

A.—Steady and unchanged. Pods, rian medium, 3s. 9d. to 4s. per lb.; lly, hand-picked, manufacturing grade, d. Leaves, broken Alexandrian, 1s. 3d. 1.; sittings, 1s. 2d.; Tinnevely No. 1, od.; No. 2, 7d. to 7½d.; No. 3, 5½d.

L.—Dealers are offering Portuguese spot at 80s. per cwt., and Indian at

ONIUM LEAVES.—Spot, steady at 95s. , ex store.

HANTHUS.—From 10s. to 10s. 6d. per d be wanted for Kombé 100 per cent. ording to quantity.

CANTH.—Firm and in steady demand. ues of the principal medium grades are s: No. 1, white, £130 per cwt.; No. 2, 115; No. 3, white, £102; No. 4, white, le leaf, £73; amber leaf, £65; dark £45; brown leaf, £35; red-and-brown 2; red leaf, from £30; hoggly, light, ; woody and dark, £12.

IAN ROOT.—Spot quotations are steady er cwt., ex store.

S.—BEES'.—Obtainable only through ociation of Merchant Distributors of

CARNAUBA.—Quiet. Fatty grey, eady at 420s.; chalky grey, 410s.; , 530s. per cwt.

## Essential and Expressed Oils

ANISE (STAR).—Request is considerable but supplies are short; price nominal at 80s. per lb.

BAY.—Any available spot supplies would fetch around 12s. 6d. per lb.

CAJUPUT.—Spot supplies are meagre; price, about 15s. per lb.

CINNAMON.—Leaf oil is quoted on spot at from 15s. 6d. to 16s. per lb.

CITRONELLA.—Java, spot, approximately 25s. per lb.; Ceylon, about 21s. 6d.

CLOVE.—No change in English distillers' prices for genuine B.P. oil at 11s. 6d. to 12s. per lb., according to quantity.

COTTONSEED.—Bulk supplies are officially priced as follows: Refined edible, £57 per ton; refined deodorised, £58 per ton; both naked ex works.

CROTON.—Quoted at 9s. 6d. per lb.

EUCALYPTUS.—Seventy to 75 per cent. oil in drums would be worth approximately 5s. 9d. per lb. on spot; 80 to 85 per cent., about 6s.

GERANIUM.—Genuine North African oil, spot, 85s. to 90s. per lb., according to quantity.

GINGER.—English-distilled oil may be had on spot at approximately 90s. per lb.

GINGERGRASS.—Spot supplies are small and would be worth around 22s. 6d. per lb.

LEMONGRASS.—Small spot lots continue to be quoted at approximately 13s. 6d. per lb.

NUTMEG.—Oil from West Indian nutmegs may be bought at about 42s. per lb.

PALM.—Official price of refined deodorised remains at £55 per ton and that of refined hardened deodorised at £58 per ton, both naked ex works.

PALMAROSA.—Spot, 93 per cent., if available, would be worth around 35s. per lb.

PATCHOULI.—Good-quality oil, on spot, approximately 72s. 6d. per lb., if available.

PEPPERMINT.—Chinese continues in request, but stocks are short. Spot, if available, 110s. per lb.

PETITGRAIN.—In very small compass; spot, about 25s. per lb.

RAPESEED.—Official quotation for bulk supplies of refined is unchanged at £60 per ton, naked ex works.

ROSEMARY.—Spot, if available, around 16s. per lb.

VETIVERT.—Any holders of spot supplies would require about 95s. per lb.

**"C. & D." Quiz No. 14.**—The answers to the questions given on p. 474 are: 1. Nehemiah Grew, 1695. 2. James H. Breasted. 3. Phosphorus pentoxide. 4. From the Greek, *bromos*, a stench. 5. The oleo-resin of ginger. 6. Liq. alumin. acet. 7. Inj. hydrarg. fort. 8. Emp. picis. 9. Root of *Stillingia sylvatica*. 10. Saccharinum.

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Proposed Increases in Pharmacy Fees

SIR,—Your leading article on the proposed increase of pharmacy registration fees (*C. & D.*, October 23, p. 415) proves the value of an independent trade journal. An iniquitous wrong is about to be done, and action should be taken at once to circumvent the exploitation of the Pharmacy and Poisons Act for a purpose for which it could not have been intended, namely, to bolster up grandiose failures in the form of a palatial palace for political pharmacy. This, as you point out, can be the only reason for milching pharmacists by higher registration fees. The method of introducing the proposed changes is indicative that the money is already earmarked for purposes which the proposers are not willing to defend. Bloomsbury Square was born a tame white mouse: it has grown in quick time into a white elephant. All this is happening under a Council which has no electoral authority at present. I suggest that every local branch of the Pharmaceutical Society (or every local Chemists' Association) should see that a motion is discussed at the first ensuing meeting of its members, deploring the proposals made.

Yours faithfully,

Rock Ferry.

J. W. WATERWORTH.

SIR,—There is no doubt that the Council of the Pharmaceutical Society has blundered badly in making its latest demand for higher fees. What embitters and will continue to embitter this controversy is the cool assumption that no person and no organisation outside the Council has any say in the matter. Admittedly the Council can now make by-laws without the confirmatory sanction of a meeting of members; but has any other body, and in particular the Drug Trade Council, been consulted before the demand was decided upon? The presidential statement would have come upon us with a much better chance of a favourable reception if it could have been backed by the considered agreement of a more representative group. And how is it that, with an income approximately doubled during the past ten years, the Council is now unable to put by "any substantial savings"? It is all very well to practise "the most stringent economies" on a falling income, but what of the preceding period of the rise from, in round figures, £60,000 to £120,000

per annum? When we read that numerous ventures "must" be undertaken by Society, the question of paying for them arises. Are all these projects strictly within the scope of the Society's powers? If intended publicity for "pharmacy" is to be conducted without due discretion, it will do more harm than good.

Yours faithfully,

ORDINARY MEMBER

### "C. & D." Quiz Caught Out?

SIR,—May I be allowed to correct an answer you give to the question in *C. & D.* Quiz No. 13-2, "Who first is related with cowpox?" The gentleman's name was Jesty—not Testy, and he was a Dorset—not Gloucester—farmer. As a hint to Jesty's tombstone in the church of Worth Matravers, Dorset, "by his strength of mind he first tried cowpox inoculation on his wife"!

Yours faithfully,

Petts Wood, Kent.

E. A. ROBERTS.

### What Prospects for Apprentices?

SIR,—On reading the letters of Mr. R. E. Bell, and W. M. Nicoll, and similar letters which appear from time to time in the pharmaceutical Press, one is tempted to ask, what justification is there for the profession of pharmacy? It has seemed to me that the distinction between a profession and a trade is that one teaches a profession "to give" and a trade "to get." If the "really fine lad" as fine as he appears to be, then I say emphatically that he should continue in his old and practise pharmacy as a profession if he does this I am certain that he will get a satisfaction which will amply compensate him for the meagre material benefits his profession gives him. I speak from longer experience than Mr. Nicoll, as forty-six years since I entered my profession as a raw apprentice. I have regretted that I followed in the steps of my father and grandfather, while my child (also a qualified chemist) has told me that she would not change her occupation for anything. . . . The attitude of those who disparage their calling has caused pharmacy to fail to occupy its proper position: that of an honourable profession.

Yours faithfully,

Grantham.

JOHN CHESHAM.



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Sodii Iodid. ... .. 2 grs

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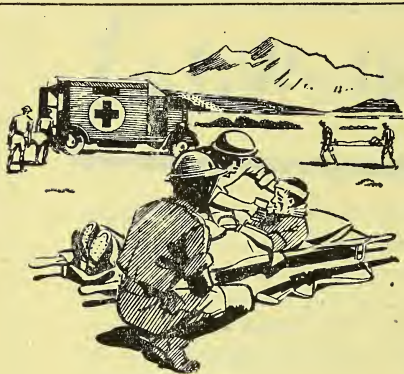
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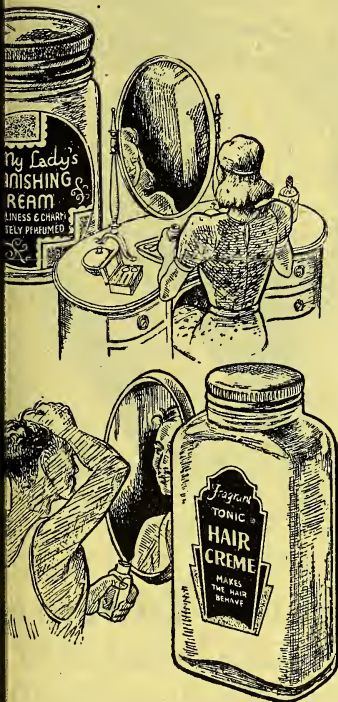
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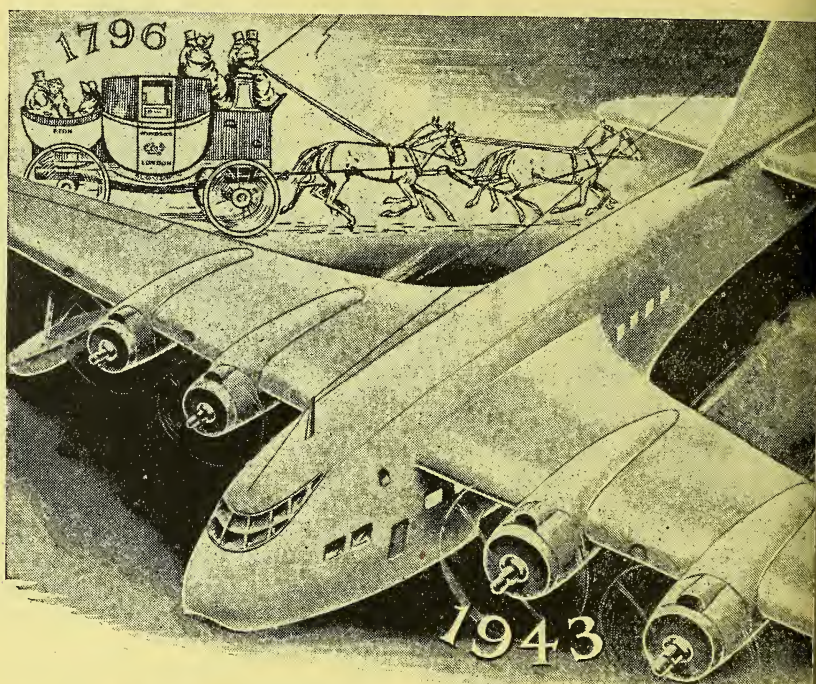
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**CONSULTING Chemist** to act in an advisory capacity wanted by Manufacturers of Medical Preparations. Correspondence in strict confidence 449/510, London Office of this Paper.

**COSMETIC Wholesalers** require experienced traveller to call on existing accounts, chemists departmental stores in the South and West of England. Salary and good commission. A 448/494, London Office of this Paper.

**ENGINEER** specialised in all types of chemical plant; automatic filling and packing machinery all types tablet compressing machines; punch die making and repair; general works maintained open to take full charge. CDB/214, London Office of this Paper.

**EXPERIENCED Representative** required for Yorkshire area by high-class Ethical Manufacturing Chemists to call on hospitals, doctors, chemists. Must reside in territory. Write, stating age, experience, qualifications and liability for military service, to "M.L.", c/o Charles Bark & Sons, Ltd., 31 Budge Row, London, E.C.4.

**EXPERIENCED Office and Warehouse Manager** required for old-established Scottish firm Manufacturing and Wholesale Chemists. Minimum salary £600, with good prospects. Please state age, experience, qualifications, etc., to 1267, Whites, Ltd., 72/78 Fleet Street, London, E.C.4.

**EXPERIENCED Representative** wanted for Yorkshire, Northumberland and Durham old-established pharmaceutical and cosmetic manufacturer. Nationally advertised products of energetic man with live connexion chemists essential. Permanent. Excellent post-war prospects. State expenses and commission. Over £1,000 p.a. earned. Write, giving in confidence, full present post and past experience. 448/508, London Office of this Paper.

**ESTABLISHED progressive Wholesale Chemist** serving North-West, require first-class Department Manager. Experience and good live connexions essential. Wage and Commission Excellent opportunity for man with initiative, age and qualifications. CDB/211, London Office of this Paper.

**FRAGRANT TONIC HAIR CREAM AND LADIES VANISHING CREAM.** Representatives required for the materials, etc., used for preparations. Write stating connexion, territory, etc., to Briccas, Ltd., 4 Cavendish Place, London, W.1. See full page advertisement in this issue.

**PROGRESSIVE Organisation** requires Qualified Chemist for Pharmacy Department. Either exempt national service. Good salary and profit. 444/353, London Office of this Paper.

**QUALIFIED Chemist**, anxious to take active part in old-established Yorkshire Company available plant and machinery for turning out quantities of pills, pastilles, lozenges, etc. Excellent opportunity for live man. Interviews can be arranged in London or in Yorkshire. Write full details of experience. All applications will be acknowledged. 449/518, London Office of this Paper.

**REPRESENTATIVE** on commission basis required from well-introduced firm with established connexions for Southern and Eastern Counties as well as for the Midlands, their Emulsion Waxes, Essential Oils, etc., exceptional opportunities. Write, stating experience and references, 449/524, London Office of this Paper.

**REPRESENTATIVES** calling upon Retail Chemists in the South, Midland and Wales only, to sell an additional line, Bottles and Jars. On Commission basis. In reply state connexions and other details. CDB/207, London Office of this Paper.

**SURGICAL Dressings Manufacturers** require time Representative with established connexions with Hospitals and Wholesalers in Northern Counties. Apply stating experience and salary requirements. 448/481, London Office of this Paper.



**A. WARD & CO., LTD.**, 15 Exchange Street, Blackburn, require Unqualified Assistant for Counter. Previous experience essential. Applicant must be exempt from military service.

**BLETTING.** Factory (London Area) now engaged on work of very highest Government importance, urgently requires Manager able to take charge of all operations. Must be fully experienced all trades and familiar with single punch, multiple punch and rotary machines, able work with maintenance engineer but handle all other staff. Wide knowledge of Chemistry desirable, but not essential. Very generous salary plus bonus on output and permanent post to right man. Full particulars and applications available to 449/512, London Office of this Paper.

**EXPERIENCED** Representative required for Lancashire area by high-class Ethical Manufacturing Chemists to call on hospitals, doctors and chemists. Must reside in territory. Write, stating experience, qualifications and liability to accept any service to "N.M.," c/o Charles Barker & Co. Ltd., 31 Budge Row, London, E.C.4.

## EDUCATIONAL

### OPTICAL TUITION

For the Diploma Examinations. Particulars: The Dublin College of Optics, 2 Lower O'Connell Street, Dublin.

## APPOINTMENTS

**ASSISTANT** required in the Dispensary of a Manchester Hospital. Apply stating age, qualifications and experience, if any, to 449/516, London Office of this Paper.

## CHARING CROSS HOSPITAL

STRAND, W.C.2

Applications are invited for the post of **SENIOR ASSISTANT PHARMACIST** (Male, Qualified). Candidates should state whether they are eligible for service with the Forces. Commencing salary £225 per annum. Excellent prospects for suitable candidate. Applications, stating age, experience, when available, together with copies of recent testimonials, to The Secretary, Charing Cross Hospital, Strand, W.C.2.

## CITY OF MANCHESTER

WITHINGTON HOSPITAL

(1150 Beds)

**APPOINTMENT OF ASSISTANT PHARMACIST** (Temporary)

Applications are invited for the post of temporary Assistant Pharmacist (non-resident) at the Withington Hospital (Adult General), West Didsbury, Manchester, 20. Candidates must possess a qualification granted by or recognised by the Pharmaceutical Society of Great Britain.

Basic weekly wage £5 5s. plus a cost-of-living wages addition amounting to 17s. 6d. weekly in respect of a male officer, and 14s. weekly in respect of a female officer. The post is subject to the terms and conditions of the Corporation Grading Scheme.

Applications stating fully the age, qualifications and experience of the candidate with copies of not more than three recent testimonials are to be addressed to the Medical Superintendent at the Withington Hospital as soon as possible.

canvassing in any form is prohibited.

Town Hall,  
Manchester, 2,  
October 28, 1943.

R. H. ADCOCK,  
Town Clerk.

## GLAMORGAN COUNTY MENTAL HOSPITAL

BRIDGEND

Unqualified Temporary Assistant, Male or Female, exempt military service (with Part I or Apothecaries' Hall Certificate) required in the Dispensary for the duration of the War.

Salary £175 per annum plus cost of living bonus (at present male 15s. per week, female 12s. per week, if over 21 years of age).

Applications endorsed outside "Dispensary Assistant," stating age and experience and accompanied by copies of three testimonials to be sent to the Medical Superintendent as soon as possible.

## MIDDLESEX COUNTY COUNCIL

**QUALIFIED LOCUM PHARMACIST** required immediately for four weeks at **HAREFIELD COUNTY SANATORIUM AND HOSPITAL**, Harefield, Middlesex. Salary, £7 7s. p.w. Application, with full particulars and enclosing copies of not more than three recent testimonials to Medical Director "35" of hospital as soon as possible. (Male candidates must state position with regard to military service; women must not be liable for national service).

C. W. RADCLIFFE,

Clerk of the County Council.

**REQUIRED** full time unqualified Dispenser (female). Apply with full particulars and stating salary required to Secretary, London Homoeopathic Hospital, Great Ormond Street, London, W.C.1.

## BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

### LAGOS, NIGERIA

**MESSRS. M. DE BANK BROTHERS**, 19 VICTORIA ROAD, P.O. BOX 75, LAGOS, NIGERIA, BRITISH WEST AFRICA, solicit offers from British Manufacturing Firms of: Pharmaceutical Preparations, Patent and Proprietary Medicines, Perfumery, Lozenges, Toilet Requisites and Chemists' Sundry Goods, for marketing throughout Nigeria.

## AGENCIES

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**LONDON** Druggists' Sundriesmen with extensive connexion amongst Chemists, Hairdressers and Stores throughout the country, seek additional lines, preferably with post-war value. Agency or buying terms. 448/497, London Office of this Paper.

**OWNERS** of established proprietary Asthma preparation seek progressive well-connected firm to ensure its nation-wide distribution to chemists only. Attractive proposition. Write c/o CDB/212, London Office of this Paper.

## BUSINESS WANTED

7/6 for 40 words or less, 2d. for every additional word.

**WANTED** to purchase Tablet Making Factory as a going concern or plant only. Reply in confidence to Principals. 449/509, London Office of this Paper.

**WEST RIDING OF YORKSHIRE.** Manufacturing and/or Wholesale business wanted with good post-war prospects. Bankers' references supplied. Apply in confidence with full details. 448/506, London Office of this Paper.

**WANTED**

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**A**SPIRIN Powder, Crystals, Grans., and 5-grain Tablets, required in large or small quantities. Highest market prices paid. 442/304, London Office, of this Paper.

**G**LUCCOSE liq. Small or large quantities purchased. Good price paid. Offers to Edwards, 30 Grove Coach Road, Retford.

**G**OOD price paid for new or second-hand copy of following books: Greenish, "Pharmacognosy (or Materia Medica)"; Greenish, "Microscopy of Food and Drugs"; Garratt, "Analysis of Drugs and Galenicals"; Clayton, "Compendium of Food Microscopy"; "Practical Methods of Urine Analysis." Reply to 448/505, London Office of this Paper.

**G**UM Sandrac and Spirit Manila Gum Copal required, small or large quantities. Offers to 432/865, London Office of this Paper.

**M**ANUFACTURING Chemists wish to contact Actual Manufacturers of all Types of Splints. 448/507, London Office of this Paper.

**S**ASSAFRAS, Bark or Oil, any quantity required. Offers to 449/522, London Office of this Paper.

**S**PERMACETI, White, required in large or small quantities. Offers to Langley Chemical Co., Ltd., Manfield House, Strand, London, W.C.2.

**S**TEARIC Acid, M.P. from 120° upwards, required by manufacturers. 449/515, London Office of this Paper.

**T**ABLETTING MACHINES. Would exchange with cash adjustment Single Punch Tableting Machines, excellent for saccharine, for heavier type machine capable of compressing up to 7-grain tablets. Box 160, Smiths', 100 Fleet Street, E.C.4.

**W**ANTED, 16 mm. Projector and Screen, suitable for school. Full particulars and price required to 449/523, London Office of this Paper.

**W**ANTED Small Grinding Machine, laboratory type, hand propelled; also Single Punch or Rotary Tablet Machines. CDB/209, London Office of this Paper.

**W**ANTED, Sacch Lact B.P. in any quantity. Reade Brothers & Co., Ltd., Wolverhampton.

**W**ANTED FOR SPOT CASH, National, Remington and Gledhill Cash Registers, all sizes, age immaterial, any quantity entertained. Amalgamated Business Machines, Ltd., 64 Mortimer Street, W.1. Phone: MUSEum 0941. Repairs, Sales, Exchanges.

**W**ANTED. POWDER PUFFS or WOOL PADS. Required to purchase any odd or redundant stocks suitable for Compacts, sizes 33 to 47 mm. diameter, with or without stitching at edge. Advise quantities and price required to 449/517, London Office of this Paper.

**W**ANTED Urgent, 1 to 50 lb. Depilatory Wax for Salon use. Kindly send testing sample. Matthias Robinson, Ltd., Briggate, Leeds, 1.

**W**ANTED, Microscopes, all models, particularly good outfits up to £300 or £400. High prices, immediate cash. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

**W**ANTED, Loofahs and Sponges, any condition. United Sponge, 41 Royal Mint Street, London.

**W**HOLESALE Chemist wishes to get into touch with manufacturer of Blackleg Vaccine Pellets with view to contract for large quantities. CDB/210, London Office of this Paper.

**Y**OHIMBINE HCl required by manufacturing chemists, in any quantity. Offers to 449/513, London Office of this Paper.

**PREMISES TO LET**

**C**HEMIST'S Shop (modern), complete with maple fittings. Good dwelling accommodation with separate entrance. Situate established market position Stoke Newington. Moderate terms. Write Frank Swain, 170 Notting Hill Gate, London, W.11.

**SITUATIONS WANTED**

2/6 for 18 words or less, 1d. for every additional word.

**RETAIL (HOME)**

**E**XPERIENCED Dispenser Book-keeper required post with doctor or firm of doctors in Lon W.C.1. 448/519, London Office of this Paper.

**Q**UALIFIED Chemist, single, 30 years of exempt military service, requires a cha preferably Luton district. Highest qualification salesmanship; excellent references. Full experience of high-class pharmacy. 449/514, London Office of this Paper.

**W**OMAN Pharmacist, exempt, Scottish, required Managerial or senior post in West End N.W. All-round experience. Pre-war wage considered. Apply to Box No. XYZ, 449/514, London Office of this Paper.

**WHOLESALE**

**C**HEMIST, age 26, Pass B.Sc. (special; London) seeks situation with reputable company Analytical Research. Experience Chemical Engineering Plant and Labour Management. Permanent progressive situation essential. 448/504, London Office of this Paper.

**C**HEMIST, manufacturing cosmetic preparator as well as floor and furniture polish, etc. formulas on waxless raw materials, wants situation 449/520, London Office of this Paper.

**R**EPRESENTATIVE (35), recently discharged Royal Navy, desires represent nationally known makers of Pharmaceutical and/or Toilet Preparations in Scotland. Permanent position. Please terms (approx.) if suitable. CDB/208, London Office of this Paper.

**R**EPRESENTATIVE, resident Bournemouth desires contact reputable firm requiring representation, W. and S.W. territory; many experience this area. Excellent references; experience 449/511, London Office of this Paper.

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**L**IMITED Supply—surplus quantities—Rubber and Substituted Rubberized Sheetings, baby cot sheets and hospital beds, sizes and from 19 in. by 24 in., 15/11 per dozen, plus one purchase tax. Also some other sizes and quantities. Write for patterns and particulars to S. G. 327 Fulham Road, London, S.W.10. Tel. Flaxman 9559.

**P**ERFUME Bottles in Artistic Boxes for 25 gross 1-dram size in attractive box gross. Willson's, 102 Carr House Road, Doncaster.

**S**ALE limited quantity, small caps, 2 and 3 Bottles. Also large quantity universal size three dram, 1 oz. and 2 oz. Bottles. F.P., 30 hawk Road, Shepherds Bush, London.

**12** Cases each containing approximately 50 14-oz. Fancy Pyramid Toilet Bottles complete with Bakelite Screw Caps. A remarkably small "big-looking" bottle. 35s. per gross, cash or pro forma invoice. Sample with pleasure, enclose 6d. in stamps. Shelley, Caldmere, Walsley.

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**N**ORTH-Western Health Resort. Owing to death of the proprietor, Chemist-Optician Business for Sale. Established 1865. With Spirit Licence attached. Turnover £6000 to Freehold premises. Geyde, Solicitor, Grang Sands.



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